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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Agnès Lajoie
Acting Commissioner of Patents

Agnès Lajoie
Commissaire aux brevets par intérim

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After March 31, 2015

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1799***
	For each additional sheet over 30	**$20**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 mars 2015

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1799 $***
	Pour chaque feuille au delà de 30	**20 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$270**

6. Preliminary examination fee (Rule 58) **$800**

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **270 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$270** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$406** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **270 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **406 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de corrspondence.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-EASY ou PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89*bis* et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.
The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.
Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 11, 2015 contains applications open to public inspection from July 26, 2015 to August 1, 2015.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 11 août 2015 contient les demandes disponibles au public pour consultation pour la période du 26 juillet 2015 au 1 août 2015.

17. Erratum

The information concerning application number 2,883,932 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of March 24, 2015 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,883,932 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 24 mars 2015 sont inexactes. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

August 11, 2015

Brevets canadiens délivrés

11 août 2015

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[11] **2,327,703**
[13] C
[51] **Int.Cl. A01H 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR SELECTIVE INCREASING IN THE ANTICARCINOGENIC GLUCOSINOLATES IN BRASSICA SP**
[54] **PROCEDE D'ACROISSEMENT SELECTIVE DES GLUCOSINOLATES ANTICARCINOGENES DE LA BRASSICA SP**
[72] MITHEN, RICHARD, GB
[72] FAULKNER, KATHY, GB
[73] PLANT BIOSCIENCE LIMITED, GB
[85] 2000-10-05
[86] 1999-04-08 (PCT/GB1999/001079)
[87] (WO1999/052345)
[30] US (60/081,169) 1998-04-09

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[11] **2,364,043**
[13] C
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/20 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01) C12P 21/00 (2006.01) C12P 21/02 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHYLOTROPHIC BACTERIUM FOR THE PRODUCTION OF RECOMBINANT PROTEINS AND OTHER PRODUCTS**
[54] **BACTERIE METHYLOTROPHIQUE SERVANT A LA PRODUCTION DE PROTEINES RECOMBINANTES ET D'AUTRES PRODUITS**
[72] FIGUEIRA, MARIANNE M., CA
[72] LARAMEE, LOUISE, CA
[72] MURRELL, J. COLIN, GB
[72] MIGUEZ, CARLOS B., CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] THE UNIVERSITY OF WARWICK, GB
[86] (2364043)
[87] (2364043)
[22] 2001-11-30

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[11] **2,433,250**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/06 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12C 1/18 (2006.01) C12C 11/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01)**
[25] EN
[54] **LOW-LIPOXYGENASE 1 BARLEY**
[54] **ORGE A LIPOXYGENASE 1 FAIBLE**
[72] DOUMA, ANNA C., NL
[72] DODERER, ALBERT, NL
[72] CAMERON-MILLS, VERENA, DK
[72] SKADHAUGE, BIRGITTE, DK
[72] BECH, LENE MOELSKOV, DK
[72] SCHMITT, NATHALIE, NL
[72] HEISTEK, JOLANDA CAROLINA, NL
[72] VAN MECHELEN, JOHANNES REINIER, NL
[73] CARLSBERG RESEARCH LABORATORY, DK
[73] HEINEKEN TECHNICAL SERVICES BV, NL
[73] BRASSERIES KRONENBOURG, FR
[85] 2003-06-26
[86] 2001-01-22 (PCT/IB2001/000207)
[87] (WO2002/053721)
[30] US (09/751,687) 2000-12-29
[30] IB (PCT/IB00/02045) 2000-12-29

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[11] **2,449,789**
[13] C
[51] **Int.Cl. G01V 3/00 (2006.01) G01V 3/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING OIL, WATER AND GAS SATURATIONS FOR LOW-FIELD GRADIENT NMR LOGGING TOOLS**
[54] **SYSTEME ET PROCEDE POUR DETERMINER DES SATURATIONS EN HUILE, EAU ET GAZ, DESTINES A DES INSTRUMENTS DE DIAGRAPHIE A FAIBLE GRADIENT DE CHAMP**
[72] PRAMMER, MANFRED G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2003-12-05
[86] 2002-06-05 (PCT/US2002/017774)
[87] (WO2002/099463)
[30] US (09/874,028) 2001-06-05

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[11] **2,451,853**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61B 17/00 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01) A61N 1/05 (2006.01) A61N 1/08 (2006.01)**
[25] EN
[54] **URINARY DYSFUNCTION TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DU DYSFONCTIONNEMENT URINAIRE**
[72] FORSELL, PETER, CH
[73] UROLOGICA AG, CH
[85] 2003-12-23
[86] 2002-06-24 (PCT/SE2002/001241)
[87] (WO2003/002192)
[30] SE (0102312-6) 2001-06-28

[11] **2,455,423**
[13] C
[51] **Int.Cl. A01K 31/07 (2006.01) A01K 45/00 (2006.01)**
[25] EN
[54] **CAGE FOR TRANSPORTING POULTRY**
[54] **CAGE POUR TRANSPORTER LA VOLAILLE**
[72] WEAVER, RICHARD L., US
[73] MARILYN J. ENTERPRISES INC., US
[86] (2455423)
[87] (2455423)
[22] 2004-01-20

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[11] **2,471,176**
[13] C
[51] **Int.Cl. F16D 55/02 (2006.01) F16D 25/0635 (2006.01)**
[25] EN
[54] **ROTATIONAL CONTROL APPARATUS WITH VARIABLE ACTUATION METHODS**
[54] **APPAREIL DE CONTROLE ROTATIF A PROCEDES D'ACTIONNEMENT VARIABLE**
[72] WEISS, KEVIN B., US
[72] HEIN, DAVE, US
[73] NEXEN GROUP, INC., US
[85] 2004-06-29
[86] 2002-08-19 (PCT/US2002/026327)
[87] (WO2003/016744)
[30] US (09/931,988) 2001-08-17

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[11] **2,472,691**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04J 3/06 (2006.01) H04J 3/07 (2006.01) H04L 12/20 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **DIGITAL PROCESSING OF SONET POINTERS**
[54] **TRAITEMENT NUMERIQUE DES POINTEURS SONET**
[72] ROBERTS, KIM B., CA
[72] HARLEY, JAMES, CA
[72] NEUSY, PHILIPPE, CA
[72] MAYER, MICHAEL, CA
[73] CIENA LUXEMBOURG S.A.R.L., LU
[86] (2472691)
[87] (2472691)
[22] 2004-06-29
[30] US (10/609,562) 2003-07-01

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[11] **2,472,725**
[13] C
[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01) C12N 1/21 (2006.01) C12N 15/57 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **MULTIPLY-SUBSTITUTED PROTEASE VARIANTS**
[54] **VARIANTS DE PROTEASES A SUBSTITUTIONS MULTIPLES**
[72] BOTT, RICHARD R., US
[72] ESTELL, DAVID A., US
[72] KELLIS, JAMES T., JR., US
[72] POULOSE, AYROOKARAN J., US
[73] GENENCOR INTERNATIONAL, INC., US
[85] 2004-07-08
[86] 2003-01-16 (PCT/US2003/001448)
[87] (WO2003/062381)
[30] US (60/350,222) 2002-01-16

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[11] **2,483,233**
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[54] **COMPOSITIONS IMMUNOGENES AU RECEPTEUR CCK-B/GASTRINE ET PROCEDES DE TRAITEMENT DE TUMEURS**
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[54] **SYSTEME ET METHODE DE MESURAGE D'ARBRES EN COURS DE TRAITEMENT**
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[54] **COMPOSITIONS CONTENANT UN ISOLAT DE CACTUS NOPAL ET LEUR PROCEDE DE PREPARATION**
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[72] AMATO, TERI, US
[73] LEAN FOR LIFE PRODUCTS LLC, US
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[72] FELLER, FREDERICK, III, US
[72] WANG, HUISUN, US
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[54] **SYSTEME ET METHODE DE TRAITEMENT D'UN TISSU BIOLOGIQUE PAR DECHARGE D'UN GAZ PLASMAGENE**
[72] KARNI, ZIV, IL
[72] BRITVA, ALEXANDER, IL
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[54] **PROCEDE DE FABRICATION D'UNE POINTE DE SONDE A FIBRE OPTIQUE POUR UNE UTILISATION DANS UN DISPOSITIF MEDICAL**
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[54] **INSTRUMENT CHIRURGICAL AVEC SYSTEME ASSERVI**
[72] SHELTON, FREDERICK E., IV, US
[72] MORGAN, JEROME R., US
[72] DOLL, KEVIN R., US
[72] SWAYZE, JEFFREY S., US
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[72] DE SOUSA, MARIO CESAR, FR
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR
[72] NOEL, THOMAS OLIVIER MARIE, FR
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[54] **PREPARATIONS STABILISEES DE SERINE ENDOPEPTIDASES, LEUR PREPARATION ET LEUR UTILISATION**
[72] LICHTE, ANDREA, DE
[72] KRAELING, VERENA, DE
[73] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
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[54] **PROCESSUS ET INSTALLATION DE CONVERSION DES COUPES PETROLIERES LOURDES D'UN LIT EN EBULLITION, AVEC PRODUCTION INTEGREE DES DISTILLATS MOYENS AVEC TRES FAIBLE TENEUR EN SOUFRE**
[72] DUDDY, JOHN E., US
[72] WISDOM, LAWRENCE, US
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[73] IFP ENERGIES NOUVELLES, FR
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[72] STEIN, HANAN, IL
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[54] **COMPOSITIONS CONTRE LE CORONAVIRUS DU SRAS ET UTILISATIONS DE CES COMPOSITIONS**
[72] TER MEULEN, JAN HENRIK, NL
[72] VAN DEN BRINK, EDWARD NORBERT, NL
[72] DE KRUIF, CORNELIS ADRIAAN, NL
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[54] **COMPOSITIONS ET METHODE DE DETECTION DE STREPTOCOQUES DU GROUPE A**
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[72] NEWMAN, FREDERIC M., US
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[54] **SYSTEME ET PROCEDE POUR RECUPERATION AUTOMATIQUE D'INFORMATIONS DE PIECES DE REPONSE**
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[72] CONLON, SEAN P., US
[72] VAKHARIA, OMAR, US
[72] LINENKUGEL, DUANE, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **INSTRUMENT CHIRURGICAL COMPRENANT UN CATHETER POURVU D'UN RAIDISSEUR, ET METHODE D'UTILISATION**
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[73] ETHICON ENDO-SURGERY, INC., US
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[72] CADDELL, RICHARD, US
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[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER ET DE DOCUMENTER L'INSTALLATION D'UN BOULON DE RENFORCEMENT DES ROCHES**
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[54] **DISPOSITIF ET METHODE ASSOCIEE DE PRISE EN CHARGE DE MESSAGERIE SMS PAR RESEAU IP**
[72] ALFANO, NICHOLAS, GB
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[73] BLACKBERRY LIMITED, CA
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[54] **METHODE ET SYSTEME PERMETTANT LA SURVEILLANCE DE TRANSMISSIONS DE DONNES CHIFFREES**
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[73] TREND MICRO INCORPORATED, JP
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[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **PROCEDES ET APPAREIL POUR LE BALAYAGE DE LA TOMOGRAPHIE DE COHERENCE OPTIQUE**
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[72] FUJIMOTO, JAMES, US
[72] KO, TONY, US
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[54] **SYSTEME MULTIMEDIA A PROTECTION PAR IDENTIFICATEUR RF (RFID), ET PROCEDE PERMETTANT DE FOURNIR UN CONTENU MULTIMEDIA DYNAMIQUE TELECHARGEABLE**
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[54] **CONJUGUES D'ALLERGENE DU CHAT ET UTILISATIONS ASSOCIEES**
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[72] BAUER, MONIKA, CH
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[72] SCHMITZ, NICOLE, CH
[72] UTZINGER, STEPHAN, CH
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[72] PERMUY, ALFRED, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **NOUVEAU DISPOSITIF ET NOUVEAUX PROCEDES DE DECLENCHEMENT DE PERFORATEURS**
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[72] ANDRICH, LYLE W., US
[73] OWEN OIL TOOLS LP, US
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[54] **GENERATION D'INFORMATION STRUCTUREE**
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[72] EGNOR, DANIEL, US
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[54] **PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LA FIABILITE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
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[54] **TRAITEMENTS POUR LA PREVENTION OU LA REDUCTION D'EFFETS INDESIRABLES CHEZ UN PATIENT AYANT UNE DIMINUTION DE LA FONCTION VENTRICULAIRE GAUCHE**
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[54] **COMPOSES POLYPHENOLIQUES PROTEGEANT L'ELASTINE ET METHODES D'UTILISATION CORRESPONDANTES**
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[72] MITTS, THOMAS, US
[72] HINEK, ALEKSANDER, CA
[73] HUMAN MATRIX SCIENCES, LLC, US
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[54] **METHODE POUR DESEMULSIONNER UN DESHYDRATEUR DE GAZ NATUREL**
[72] PALAZZOTTO, JOHN D., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **ENSEMBLE DE SECHAGE A L'AIR**
[72] HOFFMAN, FRED W., US
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[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[73] THE BOEING COMPANY, US
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[54] **APPAREIL CONDUCTEUR THERMIQUEMENT ET ELECTRIQUEMENT**
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[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **SYSTEME D'ACTIONNEMENT DE SOUPAPE DE PURGE POUR TURBINE A GAZ**
[72] VRLJES, LJUBISA, CA
[72] ONGLEY, CHRISTOPHER D., CA
[72] MARKOVIC, ZORAN, CA
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[54] **TRAIN DE BITS AUDIO A COMPRESSION ECHELONNEE ; CODEUR/DECODEUR UTILISANT UN BANC DE FILTRE HIERARCHIQUE ET CODAGE CONJOINT MULTICANAL**
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[73] DTS (BVI) LIMITED, AF
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[72] HAUGER, BRYAN E., US
[72] COUTANT, WILLIAM R., US
[72] RATHMAN, JOHN, US
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[54] **BOUTEILLE COMPRESSIBLE AUTOPORTANTE**
[72] OPHARDT, HEINER, CA
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[54] **PROCEDES D'AMELIORATION DE LA SAPIDITE DE COMPOSITIONS DESTINEES A LA CONSOMMATION ANIMALE**
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[73] HILL'S PET NUTRITION, INC., US
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[54] **PROFILS AERODYNAMIQUES ET HYDROPTERES OSCILLANTS MONTES EN PORTE-A-FAUX DANS LES FLUIDES**
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[73] ARNOLD SYSTEMS LLC, US
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[54] **PROCEDE DE MESURE D'UNE IMPEDANCE ACOUSTIQUE D'UN SYSTEME RESPIRATOIRE ET DE DIAGNOSTIC D'UNE MALADIE OU D'UN TROUBLE RESPIRATOIRE OU DE SURVEILLANCE D'UN TRAITEMENT ASSOCIE**
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[72] HANTOS, ZOLTAN, HU
[72] THAMRIN, CINDY, AU
[73] TELETHON INSTITUTE FOR CHILD HEALTH RESEARCH, AU
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[72] DANLEY, THOMAS J., US
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[72] GOHEEN, CHRISTOPHER, US
[72] MICHELS, MARK, US
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[54] **PROFIL AERODYNAMIQUE DE JAMBE DE FORCE DE PARTIE D'ECHAPPEMENT DE TURBINE**
[72] KIDIKIAN, JOHN, CA
[72] VLASIC, EDWARD, CA
[72] GIRGIS, SAMI, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **UTILISATION DE PROTENASE IDES (ISSUE DE S. PYOGENES) POUR LE TRAITEMENT DE MALADIES IMMUNITAIRES ET DES REJETS DE GREFFE**
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[72] HOLMDAHL, RIKARD, SE
[72] NANDAKUMAR, KUTTY SELVA, IN
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[72] BLUME-PEYTAVI, ULRIKE, DE
[72] AUTRAN, BRIGITTE, FR
[72] KATLAMA, CHRISTINE, FR
[72] SCHAEFFER, HANS, DE
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[54] **CLAMP A TISSU POUR EXCISION ENDOLUMINALE LOCALE DE TISSU**
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[73] ETHICON ENDO-SURGERY, INC., US
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[72] MUYZERT, EVERHARD JOHAN, GB
[72] MARTIN, JAMES EDWARD, JP
[72] KRAGH, JULIAN EDWARD, GB
[72] MICHAUD, GWENOLA CLAIRE MARIE, JP
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHODS AND DEVICES FOR LOCATION DETERMINATION AND LOCATION-BASED SERVICES IN WIRELESS WIDE AREA NETWORKS, WIRELESS LOCAL AREA NETWORKS AND WIRELESS PERSONAL AREA NETWORKS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT D'INTERCONNECTER DES RESEAUX ETENDUS SANS FIL ET DES RESEAUX LOCAUX SANS FIL OU DES RESEAUX PERSONNELS SANS FIL**
[72] DRAVIDA, SUBRAHMANYAM, US
[72] WALTON, JAY RODNEY, US
[72] NANDA, SANJIV, US
[72] SURINENI, SHRAVAN K., US
[73] QUALCOMM INCORPORATED, US
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[54] **SYSTEME POUR L'EXPLOITATION DE REVETEMENT POUR OUVERTURE ARCHITECTURALE SE DEPLACANT DE HAUT EN BAS ET DE BAS EN HAUT**
[72] SMITH, STEPHEN P., US
[72] MILLER, JAMES L., US
[72] SMITH, KENT A., US
[72] DREW, TERRENCE M., US
[72] FUJITA, SUZANNE M., US
[73] HUNTER DOUGLAS INC., US
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[73] NICHIHA CORPORATION, JP
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[54] **PLANTEUSE AVEC COLLECTEUR STRUCTURAL D'AIR**
[72] JOHNSON, CHAD MICHAEL, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **INSTALLATION FOR CONVEYING A FIRST PLURALITY OF ELECTRICAL SIGNALS CARRIED BY A FIRST TRIAXIAL CABLE TO A SECOND TRIAXIAL CABLE**
[54] **INSTALLATION PERMETTANT DE TRANSFERER UNE PREMIERE PLURALITE DE SIGNAUX ELECTRIQUES TRANSPORTES PAR UN PREMIER CABLE TRIAXIAL VERS UN SECOND CABLE TRIAXIAL**
[72] LONGHURST, PHILIP, GB
[72] HAMBLIN, CHRIS, GB
[72] FOSTER, GARETH, GB
[72] JENKINS, KEITH, GB
[72] WORDSWORTH, GARY, GB
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[54] **ROTOR DE POMPE A VIS ET METHODE DE REDUCTION DU GLISSEMENT**
[72] KOTHNUR, VASANTH SRINIVASA, US
[72] ANDERSON, DAVID DELOYD, US
[73] GENERAL ELECTRIC COMPANY, US
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[73] KANARIS, ALEXANDER D., CA
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[54] **METHODS AND MEANS FOR ENRICHMENT, REMOVAL, AND DETECTION OF LISTERIA**
[54] **PROCEDE ET DISPOSITIF D'ENRICHISSEMENT EN LISTERIA, DE SUPPRESSION DE LISTERIA ET DE DETECTION DE LISTERIA**
[72] SCHUETZ, MICHAEL, DE
[72] OELSCHNER, MAXI, DE
[73] BIOMERIEUX S.A., FR
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[54] **SOUFFLANTE DE TURBOMACHINE**
[72] BELMONTE, OLIVIER, FR
[72] GOGA, JEAN-LUC CHRISTIAN YVON, FR
[73] SNECMA, FR
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[54] **MULTIPRISE**
[72] LEDDUSIRE, RON, US
[73] DOLAN NORTHWEST, LLC, US
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[54] **SYSTEMES DE COMBUSTION POUR TURBINE A GAZ**
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[72] MORAN, ANTHONY JOHN, GB
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[72] GENDRAUD, ALAIN DOMINIQUE, FR
[72] PHILIPPOT, VINCENT, FR
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[73] INPRO CORPORATION, US
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[54] **METHOD FOR AMIDATING POLYPEPTIDES WITH BASIC AMINOACID C-TERMINALS BY MEANS OF SPECIFIC ENDOPROTEASES**
[54] **PROCEDE POUR TRANSFORMER EN AMIDES DES POLYPEPTIDES AVEC DES AMINOACIDES BASIQUES C-TERMINAUX, AU MOYEN D'ENDOPROTEASES SPECIFIQUES**
[72] RISSOM, SEBASTIAN, DE
[72] HABERMANN, PAUL, DE
[72] SALAGNAD, CHRISTOPHE, FR
[72] ZOCHER, FRANK, DE
[72] LANDRIC-BURTAIN, LAURE, FR
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[73] STRYKER IRELAND LIMITED, IE
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[72] SCHNELL, CHRISTIAN RENE, FR
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[54] **PROCEDE ET APPAREIL DE CREATION D'UNE LARGEUR DE BANDE SOUPLE AU MOYEN DE BANDES DE GARDE VARIABLES**
[72] KHANDEKAR, AAMOD, US
[72] PALANKI, RAVI, US
[73] QUALCOMM INCORPORATED, US
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[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PAGING AN ACCESS TERMINAL IN A RADIO COMMUNICATION SYSTEM USING SEQUENTIALLY ASSIGNED QUICK PAGE IDENTIFIERS**
[54] **DISPOSITIF ET METHODE ASSOCIEE DE MOUVEMENT DE PAGES D'UN TERMINAL D'ACCES DE SYSTEME DE RADIOCOMMUNICATIONS FAISANT APPEL A DES IDENTIFICATEURS RAPIDES DE PAGES ATTRIBUES SUIVANTUN ORDRE SEQUENTIEL**
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[73] BLACKBERRY LIMITED, CA
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[54] **PANIER D'ARTICULATION AVEC EXTENSION OU RETRACTION SIMULTANEE DU PANIER**
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[72] HAMMACK, ANTHONY D., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **BARRIERE THERMIQUE DEPOSEE DIRECTEMENT SUR SUPERALLIAGES MONOCRISTALLINS**
[72] BOURLIER, FLORENT, FR
[72] LE BIAVANT, KRISTELL, FR
[73] SNECMA, FR
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[72] JUHASZ, TIBOR, US
[72] KURTZ, RON, US
[72] LUMMIS, WES, US
[72] DAVIS, CHRIS, US
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[54] **INSTRUMENT CHIRURGICAL ENDOLUMINAL SOUPLE**
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **COMPOSES POUR L'INHIBITION DE L'ACTIVITE SIMILAIRE A LA CHYMOTRYPSINE DU PROTEASOME 20S**
[72] ZHOU, HAN-JIE, US
[72] SUN, CONGCONG M., US
[72] SHENK, KEVIN D., US
[72] LAIDIG, GUY J., US
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[54] **DIGITAL BROADCASTING TRANSMITTER, TURBO STREAM PROCESSING METHOD THEREOF, AND DIGITAL BROADCASTING SYSTEM HAVING THE SAME**
[54] **EMETTEUR DE RADIODIFFUSION NUMERIQUE, PROCEDE DE TRAITEMENT DE FLUX TURBO ASSOCIE ET SYSTEME DE RADIODIFFUSION NUMERIQUE PRESENTANT LEDIT EMETTEUR**
[72] SONG, DONG-IL, KR
[72] JEONG, HAE-JOO, KR
[72] YU, JUNG-PIL, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **COMPOSITIONS POUR L'INTERRUPTION ET L'INHIBITION DE LA RECONSTITUTION DE FILM BIOLOGIQUE DE PLAIES**
[72] WOLCOTT, RANDALL, US
[73] GLANBIA NUTRITIONALS (IRELAND) LIMITED, IE
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[54] **CIMENTATION DE COLLECTEUR AVEC CLAPET ALIMENTE PAR CARTOUCHE FILTRANTE ET DISPOSITIF DE LIBERATION A BILLE**
[72] PEER, RICHARD DAVID, US
[72] COSTO, ROBERT JAMES, JR., US
[73] SMITH INTERNATIONAL, INC., US
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[54] **ENSEMBLE SOUDE PAR FROTTEMENT ET AGITATION ET PROCEDE ASSOCIE**
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[72] KEENER, STEVEN G., US
[72] RUNYAN, MAX, US
[72] WHITTEN, RONALD S., US
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[54] **METHOD AND SYSTEM FOR EXTENDING KEYWORD SEARCHING TO SYNTACTICALLY AND SEMANTICALLY ANNOTATED DATA**
[54] **PROCEDE ET SYSTEME POUR ETENDRE LA RECHERCHE DE MOTS CLES A DES DONNEES D'ANNOTATION SYNTACTIQUE ET SEMANTIQUE**
[72] MARCHISIO, GIOVANNI B., US
[72] KOPERSKI, KRZYSZTOF, US
[72] JISHENG, LIANG, US
[72] NGUYEN, THIEN, US
[72] TUSK, CARSTEN, US
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[54] **SYSTEME DE COMMUNICATION CELLULAIRE CENTRE SUR LA DIFFUSION GENERALE, PROCEDE ET STATION MOBILE**
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[72] ZANGI, KAMBIZ, US
[72] BALACHANDRAN, KUMAR, US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[72] CHESTER, DAVID B., US
[73] HARRIS CORPORATION, US
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[54] **STABILITE FRICTIONNELLE AMELIOREE DANS LES HUILES LUBRIFIANTES COMPRENANT DES ADDITIFS D'AMIDE**
[72] WATTS, RAYMOND F., US
[72] NOLES, JOE R., JR., US
[72] GORDA, KEITH R., US
[72] COGEN, KERRY L., US
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **POWER CONTROL AND HANDOFF WITH POWER CONTROL COMMANDS AND ERASURE INDICATIONS**
[54] **REGLAGE DE PUISSANCE ET TRANSFERT PAR COMMANDES DE REGLAGE DE PUISSANCE ET INDICATIONS D'EFFACEMENT**
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[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE ET SYSTEME PERMETTANT D'OBTENIR UNE MISE EN CORRESPONDANCE AMELIOREE A PARTIR D'INTERROGATIONS CLIENTS**
[72] REMINGTON, RICH, US
[72] MALENE, PAM, US
[72] MORGAN, MIA, US
[72] ROSE, LINDA, US
[72] STOKER, SANDY, US
[72] WADDING, DAN, US
[72] BRILL, JEFF, US
[72] FLYNN, RICHARD, US
[72] HUSK, ART, US
[72] PANAS, MARIE, US
[72] SKAHILL, LARRY, US
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[54] **VITRAGE ISOLANT POSSEDANT UNE COMPOSITION CONTENANT DU SILOXANE DURCISSABLE A TEMPERATURE AMBIANTE DE PERMEABILITE AU GAZ REDUITE**
[72] LANDON, SHAYNE J., US
[72] WILLIAMS, DAVID A., US
[72] KUMAR, VIKRAM, IN
[72] NESAKUMAR, EDWARD J., IN
[72] RAMAKRISHNAN, INDUMATHI, IN
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[54] **RESERVOIR ENLEVABLE POUR SYSTEME DE DISTRIBUTION EN VRAC DE BUANDERIE**
[72] VITAN, CRAIG ROBERT, US
[72] TODD, JOHN MICHAEL, US
[72] DRESSLER, CRAIG RICHARD, US
[72] FAIN, LEE ANDREW, US
[72] CHOURSIYA, BHAWESH KUMAR, IN
[72] VASAN, KEERTHI, IN
[72] KRISHNAN, KANNAN, IN
[72] MANI, MADHUSUDHANAN, IN
[72] POLIMETLA, SIVAPRASAD, IN
[72] KAKILETI, VENKAT, IN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE DE POURSUITE ET SYSTEME DE MESURE AVEC LASER DE POURSUITE**
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[72] MOSER, DANIEL, CH
[72] ZUMBRUNN, ROLAND, CH
[73] LEICA GEOSYSTEMS AG, CH
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[54] **VITRAGE TRANSPARENT MUNI D'UN SYSTEME STRATIFIE CHAUFFANT**
[72] BLANCHARD, ARIANE, DE
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[54] **PROCEDE D'AMELIORATION DE PERFORMANCE D'UN PARTICIPANT DANS UNE ACTIVITE SPORTIVE**
[72] WILLIAMS, TALY, US
[73] WILLIAMS, TALY, US
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[54] **DIGITAL BROADCASTING RECEPTION APPARATUS AND ROBUST STREAM DECODING METHOD THEREOF**
[54] **APPAREIL DE RECEPTION DE DIFFUSION NUMERIQUE ET PROCEDE DE DECODAGE DE FLUX ROBUSTE POUR CELUI-CI**
[72] PARK, EUI-JUN, KR
[72] JEONG, HAE-JOO, KR
[72] KIM, JOON-SOO, KR
[72] YU, JUNG-PIL, KR
[72] KWON, YONG-SIK, KR
[72] JI, KUM-RAN, KR
[72] KIM, JONG-HUN, KR
[72] JEONG, JIN-HEE, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEM, METHOD AND APPARATUS FOR LIFTING FORMATION FLUIDS IN A WELLBORE**
[54] **SYSTEME, METHODE ET EQUIPEMENT D'ELEVATION DE FLUIDES DE FORMATION DANS UN PUITS DE FORAGE**
[72] MORRISS, DAVID, CA
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[72] COOPER, SCOTT, US
[72] DYKSTRA, REGINA, US
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[54] **SYSTEME ET PROCEDE DE CONNECTEUR EPISSE, SOUDEUSE ET SUPPORT DE CONNECTEUR PERMETTANT SA PRODUCTION**
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[72] MONROE, KEVIN, US
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[54] **ANTICORPS ANTICANCEREUX CONTRE LES ANTIGENES LEWISB ET LEWIS**
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[72] JENNINGS, PHILIP ANTHONY, AU
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[54] **COMPOSITION PESTICIDE COMPRENANT UN COMPOSE SYNTHETIQUE CONVENANT COMME AGENT DE NODULATION DE PLANTES LEGUMINEUSES ET COMPOSE INSECTICIDE**
[72] HUNGENBERG, HEIKE, DE
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[73] NEWCASTLE INNOVATION LIMITED, AU
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[72] BACHERT, JOHN OLIVER, US
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[73] GRAHAM PACKAGING COMPANY, L.P., US
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[72] ERK, PETER, DE
[72] TARANTA, CLAUDE, DE
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[54] **DISPOSITIF POUR COMBLER UNE LACUNE ENTRE UN QUAI ET UN VEHICULE FERROVIAIRE**
[72] LOMBERTY, MARC, FR
[72] KORVER, FLORIAN, FR
[72] LAUNAY, BERTRAND, FR
[72] BARBE, FRANCOIS, FR
[73] REGIE AUTONOME DES TRANSPORTS PARISIENS, FR
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[73] F. HOFFMANN-LA ROCHE AG, US
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[54] **APPAREIL ET PROCEDE DESTINES A MESURER LES CHARGES D'UN OUTIL DE SOUDAGE PAR FRICTION-MALAXAGE**
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[54] **APPAREIL ET PROCEDE DE FABRICATION DE PRODUITS PARTIELLEMENT REVETUS**
[72] KAMPERMAN, NICODEMUS FREDERIKUS, NL
[72] TACKEN, ROLAND ANTHONY, NL
[72] VAN DE VORST, LAMBERTUS THEODORUS GERARDUS, NL
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[54] **PROCEDE POUR EMPECHER LA SURCHARGE D'UN MOTEUR A COMBUSTION INTERNE**
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[54] **PROCEDE DE PREPARATION DE MEDICAMENT PHYTOTHERAPIQUE**
[72] KUPER, WILLI, DE
[72] BECKER, WULF, DE
[73] STEIGERWALD ARZNEIMITTELWERK GMBH, DE
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[54] **MATERIAU DE REVETEMENT ELECTROCHROMIQUE HAUTEMENT TRANSPARENT, PROCEDE DE PRODUCTION ET UTILISATION DE CE DERNIER**
[72] COCHET, AYSE, DE
[72] POSSET, UWE, DE
[72] SCHOTTNER, GERHARD, DE
[72] PAGANI, GIORGIO, IT
[72] RUFFO, RICARDO, IT
[72] BEVERINA, LUCA, IT
[72] MARI, CLAUDIO, MARIA, IT
[72] PATRIARCA, GIORGIO, IT
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[54] **SYSTEME ET PROCEDE POUR IMPLANTER UN CATHETER**
[72] DAVIS, PHILLIP J., US
[72] WINEGAR, THOMAS W., US
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[72] LEOPOLD, ANDREW R., US
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[54] **APPAREIL ET PROCEDE DE MISE EN CONTACT AVEC DE LA VAPEUR SURCHAUFFEE TOUCHANT ET D'EVAPORATION DE CHARGES DE DEPART CONTENANT DES CONTAMINANTS DE POINT D'EBULLITION ELEVE ET NON VAPORISABLES DANS UN FOUR A OLEFINES**
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[72] BAUMGARTNER, ARTHUR JAMES, US
[72] GARCIA, RAUL JASSO SR., US
[72] NGAN, DANNY YUK KWAN, US
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[54] **COPOLYMERES D'HYDROGEL DE SILICONE DURCISSABLE ACTINIQUEMENT ET LEURS UTILISATIONS**
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[54] **PROCEDE ET APPAREIL DESTINES A PRODUIRE UNE MATIERE FONDUE MINERALE**
[72] HANSEN, LARS ELMEKILDE, DE
[72] BOELLUND, LARS, DK
[72] HANSEN, LARS KRESTEN, DK
[72] HANSEN, PETER FARKAS BINDERUP, DK
[72] JENSEN, LEIF MOELLER, DK
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[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE UTILISE DANS UN SYSTEME DE COMMUNICATION MOBILE UTILISANT UN PROCEDE DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM)**
[72] KISHIYAMA, YOSHIHISA, JP
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[72] SAWAHASHI, MAMORU, JP
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[54] **TISSU CHAUFFANT ET PROCEDE DE FABRICATION ASSOCIE**
[72] PARK, SUNG MEE, US
[72] CHO, KWANG SU, KR
[72] CHUNG, KYUNG HEE, KR
[73] KOLON GLOTECH, INC., KR
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[54] **STATION DE BASE, TERMINAL DE COMMUNICATION, PROCEDE DE TRANSMISSION, ET PROCEDE DE RECEPTION**
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[73] UNLIMI-TECH SOFTWARE INC., CA
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[73] TESCOM CORPORATION, US
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[72] FOLSTAD, JENNIFER E., US
[72] ENZ, JEFFREY, US
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[73] GENERAL MILLS MARKETING, INC., US
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[54] **ELIMINATION DE SULFURE ELEMENTAIRE DANS DES PIPELINES EN UTILISANT DES MELANGEURS STATIQUES**
[72] UPPAL, ASHOK, CA
[72] HEMRAJANI, RAMESH R., US
[72] FALKINER, ROBERT J., CA
[72] LAWLOR, LAWRENCE J., CA
[72] FEIMER, JOSEPH L., CA
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **APPLICATEUR DE COSMETIQUE COMPRENANT UN LIMITEUR DE COUPLE**
[72] WYATT, PETER JONATHAN, US
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[54] **ANALOGUES DE LISOFYLLINE ET PROCEDES D'UTILISATION EN MATIERE DE PROTECTION DES CELLULES BETA PANCREATIQUES, DE TRAITEMENT DU DIABETE DE TYPE 1 ET DE TRAITEMENT DES MALADIES INFLAMMATOIRES ET AUTO-IMMUNES**
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[54] **COMPOSES BICYCLIQUES DE 1,3-DIONE ACTIFS SUR LE PLAN HERBICIDE**
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[72] HOTSON, MATTHEW BRIAN, GB
[72] DOWLING, ALAN JOHN, GB
[72] SCUTT, JAMES NICHOLAS, GB
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[54] **PROCEDE DE MODULATION DE SIGNAL**
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[72] XIN, YU, CN
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[72] CAO, LEI, CN
[73] ZTE CORPORATION, CN
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[54] **PRODUITS D'ADDITION, PRODUITS D'ADDITION ET OLIGOMERES, OU PRODUITS D'ADDITION, OLIGOMERES ET POLYMERES DE FAIBLE MASSE MOLECULAIRE, ET LEUR PREPARATION**
[72] LAYMAN, WILLIAM J., JR., US
[72] MACK, ARTHUR G., US
[72] KOLICH, CHARLES H., US
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[54] **VANNE A BOISSEAU SPHERIQUE COMPOSEE D'UN MATERIAU SYNTHETIQUE**
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[72] GRAY, GEOF J., CA
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[73] SALFORD GROUP INC., CA
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[54] **NOUVELLE METHODE DE PREPARATION D'ISOFAGOMINE ET DE SES DERIVES**
[72] MUGRACE, BENJAMIN, US
[72] TRETYAKOV, ALEXANDER, US
[72] FUERST, DAN, US
[72] SHETH, KAMLESH A., US
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[54] **PROCEDES POUR TRANSFERER DES APPELS ENTRE DES RESEAUX DE COMMUNICATION EN UTILISANT DES INTERFACES RADIO DISSEMBLABLES**
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[73] MOTOROLA MOBILITY, INC., US
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[54] **DISPOSITIF DE COMMANDE DE GAZ A COUVERCLE DE PROTECTION**
[72] BURGESS, RICHARD, US
[72] DIAZ, RALPH A., US
[73] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **DISPOSITIF ET PROCEDE D'AFFICHAGE DE DONNEES D'IMAGE A DOMAINE A ANGLE D'AZIMUT PLEIN**
[72] KOREN, ZVI, IL
[72] RAVVE, IGOR, IL
[72] RAGOZA, EVGENY, IL
[73] PARADIGM GEOPHYSICAL CORPORATION, US
[73] PARADIGM GEOPHYSICAL LTD., IL
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[54] **DERIVES DE 7-ALKYNYL-1,8-NAPHTHYRIDONES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ALAM, ANTOINE, FR
[72] BISCARRAT, SANDRINE, FR
[72] BLANC, ISABELLE, FR
[72] BONO, FRANCOISE, FR
[72] DUCLOS, OLIVIER, FR
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[54] **APPAREIL ET PROCEDE ASSOCIE POUR CONFIGURER UN SERVICE IMS POUR UTILISATION PAR UN DISPOSITIF A COMMUTATION DE CIRCUIT**
[72] BAKKER, JAN JOHN-LUC, US
[72] BUCKLEY, ADRIAN, US
[73] BLACKBERRY LIMITED, CA
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[72] MORINI, MARIO, IT
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[54] **DEVICES AND METHODS FOR DECREASING HUMAN PATHOGEN TRANSMISSION**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE REDUIRE LA TRANSMISSION DE PATHOGENES HUMAINS**
[72] STEWART, NEAL G., CN
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[72] O'BRIEN, DAVID JOHN, GB
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[54] **DISPOSITIF POUR REDUIRE LA VITESSE DES VEHICULES ROULANT SUR UNE CHAUSSEE**
[72] AGUILERA GALEOTE, JOSE ANTONIO, ES
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[54] **PROCEDE ET INSTALLATION DE RAFFINAGE DE SOLIDES PETROLIFERES**
[72] ANASTASIJEVIC, NIKOLA, DE
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[72] MISSALLA, MICHAEL, DE
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[73] KIDDE TECHNOLOGIES, INC., US
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[72] DITZINGER, GUNTER, DE
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[54] **PRODUCTION COMBINEE D'HYDROCARBURES ET DE PUISSANCE ELECTRIQUE**
[72] NIELSEN, POUL ERIK HOJLUND, DK
[72] ROSTRUP-NIELSEN, THOMAS, DK
[72] VOSS, BODIL, DK
[72] JOENSEN, FINN, DK
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[54] **PIECE TUBULAIRE POUR PRODUIRE UN TUBE DE TRACHEOTOMIE A BALLONNET AMELIORE**
[72] CUEVAS, BRIAN J., US
[72] SCHUMACHER, JAMES F., US
[72] KENOWSKI, MICHAEL A., US
[72] TEIXEIRA, SCOTT M., US
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[54] **SYNTHESE SANS SOLVANT DE MATERIAU POLYMERE AMPHIPHILE**
[72] COSGROVE, TERENCE, GB
[72] PETTMAN, ROGER, GB
[72] HASAN, EROL, GB
[73] REVOLYMER (U.K.) LIMITED, GB
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[54] **SUPPORT DE CONNECTEUR POUR BOITIER DE RACCORD DE FIBRES OPTIQUES**
[72] HUBBARD, PAUL, AU
[72] PIERCE, ANDREW ELIOT, AU
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[54] **CONNECTEUR ET RACCORD ENFICHABLE POUR ROBOT**
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[72] MUELLER, MANFRED, DE
[73] MULTI-HOLDING AG, CH
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[25] EN
[54] **TURBINE ENGINE WITH TRANSVERSE-FLOW HYDRAULIC TURBINES HAVING REDUCED TOTAL LIFT FORCE**
[54] **TURBOMACHINE A TURBINES HYDRAULIQUES A FLUX TRANSVERSE A FORCE GLOBALE DE PORTANCE REDUITE**
[72] ACHARD, JEAN-LUC, FR
[72] IMBAULT, DIDIER, FR
[72] TOURABI, ALI, FR
[73] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR
[73] ELECTRICITE DE FRANCE, FR
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[54] **THE METHOD AND APPARATUS FOR FORMING THE CALIBRATION CHART FOR THE UNDERGROUND FUEL TANKS**
[54] **PROCEDE ET DISPOSITIF D'ETABLISSEMENT D'UN GRAPHIQUE D'ETALONNAGE POUR RESERVOIRS DE COMBUSTIBLE ENTERRES**
[72] KAYA, YUSUF, TR
[73] ASIS AKARYAKIT SERVIS ISTASYON SISTEMLERI VE INSAAT SANAYI VE TICARET LIMITED SIRKETI, TR
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[54] **MODIFICATION CHIMIQUE D'ACIDES GRAS MALEIQUES**
[72] JOHNSON, ROGER SCOTT, US
[72] HURD, PHILLIP W., US
[72] NEUMANN, BRETT, US
[72] HINES, JOHN B., US
[73] GEORGIA-PACIFIC CHEMICALS LLC, US
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[54] **DEVICE AND METHOD FOR PROCESSING PRINTING PRODUCTS**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DE PRODUITS D'IMPRIMERIE**
[72] STAUBER, HANS ULRICH, CH
[72] RAMSEIER, MARCEL, CH
[73] FERAG AG, CH
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[54] **HYBRID THREE-DIMENSIONAL WOVEN/LAMINATED STRUTS FOR COMPOSITE STRUCTURAL APPLICATIONS**
[54] **TRAVERSES TRIDIMENSIONNELLES HYBRIDES TISSEES/LAMINEES POUR APPLICATIONS STRUCTURELLES COMPOSITES**
[72] GOERING, JONATHAN, US
[72] COFFENBERRY, BRIAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **COMPOSITIONS COMPRISING BASIC AMINO ACID AND SOLUBLE CARBONATE SALT**
[54] **COMPOSITIONS CONTENANT UN ACIDE AMINE BASIQUE ET UN SEL DE TYPE CARBONATE SOLUBLE**
[72] SUBRAMANYAM, RAVI, US
[72] KOHLI, RAJNISH, US
[72] SIMON, ERIC A., US
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[72] ISHII, MAKOTO, JP
[72] ASAKO, MASAHIRO, JP
[72] MANANDHAR, DINESH, JP
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[54] **PRECODEUR POUR MULTIPLEXAGE SPATIAL, EMETTEUR A ANTENNES MULTIPLES**
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[54] **PROCEDE POUR DETECTER DES AUTO-ANTICORPS CHEZ DES PATIENTS SOUFFRANT DE POLYARTHRITE RHUMATOIDE, PEPTIDE ET TROUSSE DE DOSAGE**
[72] VAN VENROOIJ, WALTHERUS JACOBUS WILHELMUS, NL
[72] DRIJFHOUT, JAN WOUTER, NL
[72] VAN BOEKEL, MARTINUS ADRIANUS MARIA, NL
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[54] **COMPOSITIONS PHARMACEUTIQUES D'ENTACAPONE, DE LEVODOPA ET DE CARBIDOPA A BIODISPONIBILITE AMELIOREE**
[72] TALWAR, MUNISH, IN
[72] KAPOOR, RITESH, IN
[72] MASHALKAR, MANOJ, IN
[72] JAIN, GIRISH KUMAR, IN
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[54] **BEVERAGE MANUFACTURE, PROCESSING, PACKAGING AND DISPENSING USING ELECTROCHEMICALLY ACTIVATED WATER**
[54] **FABRICATION, TRAITEMENT, CONDITIONNEMENT ET DISTRIBUTION DE BOISSONS UTILISANT DE L'EAU A ACTIVIATION ELECTROCHIMIQUE**
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[73] RADICAL WATERS INTERNATIONAL LIMITED, GG
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[54] **SUBMERSED DEVICE FOR REDUCING THE POLLUTING EMISSIONS AND SAVING ENERGY IN HYDROCARBON COMBUSTION VEHICLES**
[54] **DISPOSITIF IMMERGE DESTINE A REDUIRE LES EMISSIONS POLLUANTES ET A ECONOMISER L'ENERGIE DANS DES MOTEURS A COMBUSTION D'HYDROCARBURES**
[72] KIM, CHUL HEE, CA
[72] KIM, CHANG SOO, CA
[73] KIM, CHUL HEE, CA
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[54] **OPTICAL PATH CHANGE MEMBER AND HOLDING MEMBER BODY**
[54] **ELEMENT DE CHANGEMENT DE CHEMIN OPTIQUE ET CORPS D'ELEMENT DE RETENUE**
[72] NISHIMURA, AKITO, JP
[73] FUJIKURA LTD., JP
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[54] **COMBINAISON BOUCHON ET BEC VERSEUR**
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[72] SZEKELY, ALEX, US
[72] NIKITCZUK, JASON J., US
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[54] **EQUIPEMENT A COMMANDES ELECTRO-HYDRAULIQUES ET ACTIONNEES PAR SYSTEME HYDRAULIQUE**
[72] WUTHRICH, TIMOTHY KARL, CA
[72] POFFENROTH, JOSHUA JAMES, CA
[73] 356864 ALBERTA LTD., CA
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[54] **COMPOSITIONS AND METHODS USEFUL FOR SITE-DIRECTED RECOMBINATION IN PLANTS**
[54] **COMPOSITIONS ET PROCEDES UTILES POUR LA RECOMBINAISON CIBLEE DANS DES PLANTES**
[72] BENNETZEN, JEFFREY L., US
[72] NAGY, ERVIN D., US
[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
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[54] **SYSTEM AND METHOD FOR ACTIVATING A COMPONENT ON AN ELECTRONIC DEVICE**
[54] **SYSTEME ET METHODE D'ACTIVATION DE COMPOSANTE SUR UN DISPOSITIF ELECTRONIQUE**
[72] DODS, JEFFREY ALTON HUGH, CA
[72] ALMALKI, NAZIH, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF D'AMORTISSEMENT ET DE PROPAGATION SON/BRUIT SOUS-MARIN TRANSMIS PAR UN LIQUIDE**
[72] ELMER, KARL-HEINZ, DE
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[54] **METHODE ET APPAREIL POUR EVALUATION DE DELAI LIMITE**
[72] RAKIJAS, MICHAEL, US
[73] RAYTHEON COMPANY, US
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[54] **PROTECTION DE VEHICULE ET DE STRUCTURE**
[72] FARINELLA, MICHAEL D., US
[72] CARDENAS, ROBERT LEE, US
[72] LAWSON, WILLIAM R., US
[72] LABRECQUE, BRENDAN, US
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[54] **DISPOSITIF ET PROCEDE POUR IMAGERIE ET SURVEILLANCE PAR FLUORESCENCE**
[72] DACOSTA, RALPH SEBASTIAN, CA
[72] WILSON, BRIAN C ., CA
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[54] **METHOD AND APPARATUS FOR PROCESSING DATA ON A COMPUTING DEVICE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DONNEES SUR UN DISPOSITIF INFORMATIQUE**
[72] RUNSTEDLER, CHRISTOPHER JAMES, CA
[72] FOX, MARION CATHERINE, CA
[72] MCMILLAN, NANCY ANNE, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE ET APPAREIL DESTINES A GERER UNE INTERACTION ENTRE DES CYCLES DRX ET DES CYCLES DE RADIOMESSAGERIE**
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[72] MEYLAN, ARNAUD, US
[73] QUALCOMM INCORPORATED, US
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[54] **EVACUATED SOLAR PANEL WITH A NON EVAPORABLE GETTER PUMP**
[54] **PANNEAU SOLAIRE SOUS VIDE AVEC POMPE A ADSORPTION CHIMIQUE NON EVAPORABLE**
[72] BENVENUTI, CRISTOFORO, CH
[73] SRB ENERGY RESEARCH SARL, CH
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[54] **PICTURE IN PICTURE CLIP APPLIER VIDEO SYSTEM**
[54] **SYSTEME VIDEO IMAGE DANS L'IMAGE POUR APPLICATEUR D'AGRAFES**
[72] BOULNOIS, JEAN-LUC, US
[72] DEVLIN, CHRISTOPHER, US
[73] MICROLINE SURGICAL, INC., US
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[54] **SYSTEME DE POSITIONNEMENT DE PATIENT**
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[72] MLYN, MARC, US
[72] DE MOOY, LEO G., NL
[72] DALBOW, GEOFFREY, US
[72] WHITMORE, WILLET F., III, US
[72] RIBBLE, BRUCE, US
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[54] **METHOD OF PROVIDING A MIXED GROUP COMMUNICATION SESSION**
[54] **PROCEDE SERVANT A FOURNIR UNE SESSION DE COMMUNICATION DE GROUPE MIXTE**
[72] AGULNIK, ANATOLY, US
[72] ANTONELLI, MICHELLE, US
[72] FREDERICKS, ROBERT A., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **FORMULATIONS COMPORTANT DES NUCLEOTIDES ANTI-SENS DE CONNEXINE**
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[72] BECKER, DAVID L., GB
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[54] **DISPOSITIF POUR REGLER LE PAS DES PALES D'UN AEROGENERATEUR**
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[72] BERBEGAL PASTOR, VICENTE, ES
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[54] **PANNE REGLABE D'EXTREMITE DE HANCHE**
[72] LIN, JIN-JIE, US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
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[54] **STYRENE-BUTADIENE-BASED BINDERS AND METHODS OF PREPARING AND USING SAME**
[54] **LIANTS A BASE DE STYRENE-BUTADIENE ET METHODES POUR LEUR PREPARATION ET LEUR UTILISATION**
[72] AVRAMIDIS, KOSTAS S., US
[72] GORDON, MARK, US
[73] BASF SE, DE
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[54] **TREATED MINERAL FILLER PRODUCTS, PROCESS FOR THE PREPARATION THEREOF AND USES OF SAME**
[54] **PRODUITS DE CHARGE MINERALE TRAITEE, PROCEDE POUR LEUR PREPARATION ET LEURS UTILISATIONS**
[72] GANE, PATRICK A. C., CH
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[72] BURKHALTER, RENE, CH
[73] OMYA INTERNATIONAL AG, CH
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[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING A FORM FOR RECEIVING DATA RELATING TO A HEALTH CARE INCIDENT**
[54] **SYTEMES ET PROCEDES POUR CREER UN FORMULAIRE POUR RECEVOIR DES DONNEES CONCERNANT UN INCIDENT DANS LE DOMAINE DES SOINS DE SANTE**
[72] ZHOU, JIAN, CA
[72] MCKENNA, SIMON, AU
[72] BELCHER, TOM, AU
[73] RL SOLUTIONS, CA
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[54] **CONTAINER TRANSFER SYSTEM FOR UPLOADING AND DOWNLOADING MATING CONTAINER RELATIVE TO A TRANSPORT VEHICLE**
[54] **SYSTEME DE TRANSFERT DE CONTENANT POUR CHARGER ET DECHARGER UN CONTENANT CORRESPONDANT PAR RAPPORT A UN VEHICULE DE TRANSPORT**
[72] JOHNSON, JACK M., US
[72] ROMITO, MATT, US
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[54] **ATTACHES DE REVETEMENT ET LEURS PROCEDES ET APPAREILS**
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[72] TORRES, JAVIER, US
[73] THE MONADNOCK COMPANY, US
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[54] **APPARATUS AND METHODS FOR TREATMENT OF HEMORRHAGING**
[54] **APPAREIL ET METHODES DE TRAITEMENT DES HEMORRAGIES**
[72] FITZPATRICK, MICHAEL CONNOR, CA
[72] ADAMSON, ROBERT COLIN, CA
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[54] **PROCEDE DE COMPENSATION DU CENTRE DE GRAVITE D'UN AERONEF**
[72] SPOTTISWOODE, MICHAEL, GB
[72] BURCKHART, ANTOINE, GB
[72] SJUNGARGARD, PETTER, GB
[73] AIRBUS OPERATIONS LIMITED, GB
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[54] **PILE A COMBUSTIBLE MICROBIENNE PHOTOELECTROMETHANOGENE POUR LA COGENERATION D'ELECTRICITE ET DE METHANE A PARTIR DE DIOXYDE DE CARBONE**
[72] MATERI, WAYNE PAUL, CA
[73] CARBONITUM ENERGY CORPORATION, CA
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[54] **METHOD AND SYSTEM FOR IDENTITY-BASED KEY MANAGEMENT**
[54] **PROCEDE ET SYSTEME POUR LA GESTION DE CLES FONDEE SUR L'IDENTITE**
[72] SUN, SHENG, CA
[72] PRATT, BARRY, CA
[72] SINGH, SANDIP, CA
[72] COLANTONIO, ANTONIO, CA
[73] ROGERS COMMUNICATIONS INC., CA
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[54] **INJECTION MOLDING METHOD AND INJECTION MOLDING MACHINE**
[54] **PROCEDE DE MOULAGE PAR INJECTION ET MACHINE DE MOULAGE PAR INJECTION**
[72] SAKAMOTO, ICHIRO, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[54] **SWITCHING COMMUNICATION RADIO PATH BASED ON POWER CONSTRAINTS**
[54] **COMMUTATION DE LIAISONS HERTZIENNES BASEE SUR DES CONTRAINTES DE PUISSANCE**
[72] LIM, MIRANDA BING YING, CA
[73] BLACKBERRY LIMITED, CA
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[54] **INDOLE AND BENZOXAZINE DERIVATIVES AS MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS**
[54] **DERIVES D'INDOLE ET DE BENZOXAZINE COMME MODULATEURS DES RECEPTEURS METABOTROPIQUES AU GLUTAMATE**
[72] CID-NUNEZ, JOSE MARIA, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] MACDONALD, GREGOR JAMES, BE
[73] ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC., US
[73] ADDEX PHARMA S.A., CH
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[54] **METHODE POUR DISTINGUER DES PRODUITS ALIMENTAIRES CONTIGUS**
[72] JING, HANSONG, US
[72] BLAINE, GEORGE R., US
[73] JOHN BEAN TECHNOLOGIES CORPORATION, US
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[54] **HEAT EXCHANGER COMPRISING TUBES WITH GROOVED FINS**
[54] **ECHANGEUR DE CHALEUR COMPRENANT DES TUBES A AILETTES RAINUREES**
[72] ROBIDOU, HERVELINE, FR
[72] GOUMONDIE, JEROME, FR
[72] TINTILLIER, REMY, FR
[72] CLUNET, FRANCOIS, FR
[72] CHACUN, SERGE, FR
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[54] **ASYNCHRONOUS DISTRIBUTED DE-DUPLICATION FOR REPLICATED CONTENT ADDRESSABLE STORAGE CLUSTERS**
[54] **DEDUPLICATION REPARTIE ASYNCHRONE POUR DES GRAPPES DE MEMOIRE ADRESSABLES A CONTENU REPLIQUE**
[72] DATUASHVILI, GIA, US
[72] KESSELMAN, ALEXANDER, US
[72] DROBYCHEV, ALEXANDRE, US
[73] GOOGLE INC., US
[85] 2011-06-17
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[54] **GYRATORY COMPACTOR APPARATUSES AND ASSOCIATED METHODS**
[54] **APPAREILS A COMPACTEUR GIRATOIRE ET PROCEDES ASSOCIES**
[72] MALASSENET, FRANCOIS J., US
[72] CAULFIELD, FRANCIS D., US
[72] VERNA, RAFFAELLO, US
[72] WEGER, DONALD E., US
[72] STECKMAN, DIRK M., US
[72] BROVOLD, THOMAS, US
[73] TROXLER ELECTRONIC LABORATORIES, INC., US
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[54] **THICK HIGH-TENSILE-STRENGTH HOT-ROLLED STEEL SHEET HAVING EXCELLENT LOW-TEMPERATURE TOUGHNESS AND MANUFACTURING METHOD THEREOF**
[54] **TOLE EPAISSE LAMINEE A CHAUD EN ACIER A HAUTE RESISTANCE A LA TRACTION PRESENTANT UNE EXCELLENTE TENACITE A BASSE TEMPERATURE ET PROCESSUS POUR SA PRODUCTION**
[72] KAMI, CHIKARA, JP
[72] NAKATA, HIROSHI, JP
[72] NAKAGAWA, KINYA, JP
[73] JFE STEEL CORPORATION, JP
[85] 2011-07-12
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[54] **SYSTEME ANTICONTAMINATION POUR VERIN HYDRAULIQUE**
[72] HEY, KENNETH E., US
[72] SETTER, WILLIAM JAMES, US
[73] SUNSTREAM CORPORATION, US
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[25] EN
[54] **PROCESSING ADDITIVE, MOLDING COMPOSITION, MASTERBATCH OF PROCESSING ADDITIVE AND MOLDING ARTICLE**
[54] **ADDITIF DE TRAITEMENT, COMPOSITION DE MOULAGE, MELANGE-MAITRE D'ADDITIF DE TRAITEMENT ET ARTICLE MOULE**
[72] MURAKAMI, SHINJI, JP
[72] OKANISHI, KEN, JP
[72] OKA, MASAHIKO, JP
[73] DAIKIN INDUSTRIES, LTD., JP
[85] 2011-07-21
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[54] **ENSEMBLE DE MANCHON D'ISOLEMENT ET DE MANCHONS BALADEURS MUNIS DE CHAMBRES DE PRESSION**
[72] ZIMMERMAN, PATRICK J., US
[72] WARD, DAVID, US
[72] GARCIA, CESAR G., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **APPAREIL DE RECHARGE POUR DISPOSITIF ELECTRONIQUE PORTATIF**
[72] SULEM, FIRMANSYAH KUNCOKO, CA
[72] SIMOES, FELIPE OLIVEIRA, CA
[72] YU, MICHAEL XINGYI, CA
[72] WENNEMER, DIETMAR FRANK, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2751923)
[22] 2011-09-09
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[54] **CHARGER DEVICE FOR A PORTABLE ELECTRONIC DEVICE**
[54] **APPAREIL DE RECHARGE POUR DISPOSITIF ELECTRONIQUE PORTATIF**
[72] SULEM, FIRMANSYAH KUNCOKO, CA
[72] SIMOES, FELIPE OLIVEIRA, CA
[72] WENNEMER, DIETMAR FRANK, CA
[73] BLACKBERRY LIMITED, CA
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[54] **WIRELESS COMMUNICATIONS INCLUDING AN ANTENNA FOR WIRELESS POWER TRANSMISSION AND DATA COMMUNICATION AND ASSOCIATED METHODS**
[54] **COMMUNICATIONS SANS FIL COMPRENANT UNE ANTENNE DESTINEE A UNE TRANSMISSION DE PUISSANCE SANS FIL ET A UNE COMMUNICATION DE DONNEES ET PROCEDES ASSOCIES**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
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[72] EIHUSEN, JOHN A., US
[73] HEXAGON TECHNOLOGY AS, NO
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[54] **SYSTEME DE MANIPULATION DE TUBE**
[72] HEIDECKE, KARSTEN, US
[72] HAYES, MICHAEL, US
[72] TILTON, FREDERICK T., US
[72] BOUTWELL, DOYLE F., JR., US
[72] BADRAK, ROBERT, US
[72] RIALS, JOSEPH ROSS, US
[72] HAVENS, DAVID J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **RADIO FREQUENCY HEATING OF PETROLEUM ORE BY PARTICLE SUSCEPTORS**
[54] **CHAUFFAGE A RADIOFREQUENCE DE GISEMENT DE PETROLE PAR SUSCEPTEURS A PARTICULES**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[85] 2011-08-24
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[54] **SYSTEMS AND METHODS FOR PROTECTING HEADER FIELDS IN A MESSAGE**
[54] **SYSTEMES ET PROCEDES DE PROTECTION DE CHAMPS D'EN-TETE DANS UN MESSAGE**
[72] ADAMS, NEIL PATRICK, CA
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME D'ELIMINATION DES MEDICAMENTS**
[72] ANDERSON, CARTER R., US
[72] MORRIS, RUSSELL L., US
[73] TEIKOKU PHARMA USA, INC., US
[85] 2011-09-01
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[54] **ENSEMBLE VANNE D'IMPULSEUR POUR MELANGEURS LIQUIDE/SOLIDE**
[72] ARRIBAU, JORGE O., US
[72] DUBIC, MICHAEL G., US
[73] NOV CONDOR, LLC, US
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[54] **OUTIL ET PROCEDE D'INSTALLATION DE CABLES DANS UNE MOULURE**
[72] BARRETT, LOUIS ALEXANDER, US
[72] HARVEY, GERRY JAY, US
[73] CORNING CABLE SYSTEMS LLC, US
[85] 2011-09-14
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[54] **JOINT D'ETANCHEITE DE FOYER MECANIQUE AUTONETTOYANT ET D'USURE REDUITE**
[72] GIBOWSKI, STEVEN RICHARD, US
[72] SEMYANKO, IVAN, US
[72] CABAN, ISRAEL, US
[72] ZAK, JEFFREY, US
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **SUBSTRATS RECOUVERTS POUR DES PROCEDES DE DEPOT ET DE RETRAIT EPITAXIAL**
[72] HE, GANG, US
[72] HEGEDUS, ANDREAS G., US
[73] ALTA DEVICES, INC., US
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[54] **STOCKAGE ET GESTION DE RESSOURCES MULTIMEDIAS**
[72] CROWDER, WILLIAM, US
[72] KOLLER, JEFFREY, US
[72] FULLAGAR, DAVID, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **SYSTEM AND METHOD FOR ADJUSTING MONITORING OF TIMESLOTS DURING DATA TRANSMISSION**
[54] **SYSTEME ET PROCEDE POUR AJUSTER UNE SURVEILLANCE D'INTERVALLES TEMPORELS PENDANT UNE TRANSMISSION DE DONNEES**
[72] HOLE, DAVID PHILIP, GB
[72] KREUZER, WERNER, DE
[72] DWYER, JOHANNA LISA, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-10-19
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[25] EN
[54] **METHODS, APPARATUS, AND SYSTEMS FOR GENERATING LIMITED ACCESS FILES FOR SEARCHABLE ELECTRONIC RECORDS OF UNDERGROUND FACILITY LOCATE AND/OR MARKING OPERATIONS**
[54] **PROCEDES, APPAREIL ET SYSTEMES POUR GENERER DES FICHIERS A ACCES LIMITE POUR DES DOSSIERS ELECTRONIQUES POUVANT ETRE RECHERCHES D'OPERATIONS DE MARQUAGE OU DE REPERAGE D'INSTALLATION SOUTERRAINE**
[72] NIELSEN, STEVEN, US
[72] CHAMBERS, CURTIS, US
[72] FARR, JEFFREY, US
[73] CERTUSVIEW TECHNOLOGIES, LLC, US
[86] (2759932)
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[22] 2010-02-09
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[54] **A CRACK RESISTANT LAYER WITH GOOD BINDER FRACTURE ENERGY PROPERTIES AND METHOD OF SELECTING SAME**
[54] **COUCHE RESISTANTE A LA FISSURATION AVEC BONNES PROPRIETES D'ENERGIE DE FRACTURE DU LIANT ET SON PROCEDE DE SELECTION**
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[72] BLANKENSHIP, PHILLIP, US
[72] STEGER, RICHARD, US
[72] LYNN, TODD, US
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[54] **SYSTEMS AND METHODS FOR MOBILE STATIONS TO IDENTIFY RADIO ACCESS TECHNOLOGIES**
[54] **SYSTEMES ET PROCEDES PERMETTANT A DES STATIONS MOBILES D'IDENTIFIER DES TECHNOLOGIES D'ACCES RADIO**
[72] DWYER, JOHANNA LISA, CA
[72] HOLE, DAVID PHILLIP, GB
[72] SUZUKI, TAKASHI, JP
[72] RAYAVARAPU, VENKATA RATNAKAR RAO, GB
[72] EARNSHAW, ANDREW MARK, CA
[72] WIJAYANATHAN, MAIYURAN, CA
[72] BURBIDGE, RICHARD CHARLES, GB
[72] YOUNG, GORDON PETER, GB
[73] BLACKBERRY LIMITED, CA
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[54] **INDICATING RADIO ACCESS TECHNOLOGY INFORMATION TO MOBILE STATIONS SYSTEM AND METHOD**
[54] **SYSTEME DE NOTIFICATION D'INFORMATION SUR LA TECHNOLOGIE D'ACCES RADIO, ET PROCEDE CORRESPONDANT**
[72] DWYER, JOHANNA LISA, CA
[72] HOLE, DAVID PHILLIP, GB
[72] SUZUKI, TAKASHI, JP
[72] RAYAVARAPU, VENKATA RATNAKAR RAO, GB
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[54] **EMERGENCY VISION APPARATUS**
[54] **APPAREIL DE VISION DE SECOURS**
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[73] WERJEFELT, BERTIL R. L., US
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[54] **HOTE RELAIS DE MESSAGERIE POUR LA LIVRAISON DE MESSAGES A DES DISPOSITIFS HORS LIMITES**
[72] CRYDERMAN, AARON, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIFS ET SYSTEMES DE REGULATION D'ECOULEMENT DE FLUIDE, ET PROCEDES POUR L'ECOULEMENT DE FLUIDE AU TRAVERS DE CES DISPOSITIFS ET SYSTEMES**
[72] HAINES, BRADFORD, US
[72] DECKER, GIFFORD, US
[72] HAEHL, MARK, US
[73] FLOWSERVE MANAGEMENT COMPANY, US
[85] 2011-11-25
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[25] EN
[54] **SLIDABLE CHOPPING ATTACHMENT FOR KITCHEN KNIVES**
[54] **ACCESSOIRE COULISSANT DE HACHAGE POUR COUTEAU DE CUISINE**
[72] HATCH, PAUL, US
[72] KRAPFL, CLIFFORD, US
[72] BURKE, JULIA, US
[72] MITCHELL, THOMAS, US
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[54] **PROCEDE ET SYSTEME DE RECHERCHE DE CHEMIN DANS UN RESEAU DE MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] SHI, LILI, CN
[73] ZTE CORPORATION, CN
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[54] **ACTIONNEUR ET SYSTEME DE PROTHESE AUDITIVE A CONDUCTION OSSEUSE PIEZO-ELECTRIQUE SOUS-CUTANEE**
[72] ADAMSON, ROBERT BRUCE ALEXANDER, CA
[72] BANCE, MANOHAR, CA
[72] BROWN, JEREMY A., CA
[72] KOTIYA, AKHILESH, CA
[73] DALHOUSIE UNIVERSITY, CA
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[54] **METHODS FOR TREATING A WELL WITH A CROSS-LINKED WATER-SOLUBLE POLYMER-COMPLEXED METAL CATION NETWORK AND AN AROMATIC COMPOUND FORMING A CHELATING AGENT TO UNCROSS-LINK THE POLYMER**
[54] **PROCEDES DE TRAITEMENT D'UN PUITS AVEC UN RESEAU CONSTITUE D'UN POLYMERE HYDROSOLUBLE RETICULE ET D'UN CATION METALLIQUE COMPLEXE ET COMPOSE AROMATIQUE FORMANT UN AGENT DE CHELATION POUR SUPPRIMER LA RETICULATION DU POLYMERE**
[72] REDDY, BAIREDDY RAGHAVA, US
[72] SAINI, RAJESH K., US
[72] GASKINS, SHERRY G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMMANDE D'UN DISPOSITIF ONDULEUR POUR SUPPORTER UN SYSTEME EN COURANT ALTERNATIF**
[72] FISCHER DE TOLEDO, PAULO, SE
[73] ABB TECHNOLOGY AG, CH
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[54] **PROCEDE ET DISPOSITIF DE MISE EN CORRESPONDANCE ET DE DETECTION DE CANAL DE CONTROLE**
[72] XUE, LIXIA, CN
[72] QU, BINGYU, CN
[72] GUAN, LEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] VAN ORDEN, BRAD W., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[72] AURILIA, BRAD A., US
[72] MASTERS, STEVEN J., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **METHOD AND DEVICE FOR MONITORING THE STATE OF A NETWORK**
[54] **PROCEDE ET DISPOSITIF D'OBSERVATION DE L'ETAT D'UN RESEAU**
[72] BEEKMANN, ALFRED, DE
[72] DIEDRICHS, VOLKER, DE
[73] ALOYS WOBBEN, DE
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[54] **SYNTHESIS OF TETRACYCLINES AND ANALOGUES THEREOF**
[54] **SYNTHESE DE TETRACYCLINES ET D'ANALOGUES DE TETRACYCLINES**
[72] MYERS, ANDREW G., US
[72] CHAREST, MARK G., US
[72] LERNER, CHRISTIAN D., US
[72] BRUBACKER, JASON D., US
[72] SIEGEL, DIONICIO R., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[72] KRUEGER, THOMAS, DE
[73] SENVION SE, DE
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[54] **COMMUNICATION DE TRANCHES DE TEMPS SACCH REDONDANTES DURANT L'EXECUTION D'UN MODE DE TRANSMISSION DISCONTINUE POUR UN CANAL SECONDAIRE VAMOS**
[72] KREUZER, WERNER, DE
[72] QU, SHOUXING SIMON, CA
[72] XIN, YAN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **TESTING AND MONITORING AN ELECTRICAL SYSTEM**
[54] **MISE A L'ESSAI ET SURVEILLANCE D'UN SYSTEME ELECTRIQUE**
[72] NABROTZKY, EDMUND SIEGFRIED, CA
[73] THOMAS & BETTS INTERNATIONAL INC., US
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[54] **DISPOSITIF POUR CHIRURGIE LASER OPHTALMOLOGIQUE**
[72] DONITZKY, CHRISTOF, DE
[72] VOGLER, KLAUS, DE
[72] KITTELMANN, OLAF, DE
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[54] **MATERIAU A REMANENCE DE LUMIERE JAUNE, SON PROCEDE DE FABRICATION ET DISPOSITIF LUMINESCENT A DEL L'UTILISANT**
[72] ZHANG, HONGJIE, CN
[72] ZHANG, MING, CN
[72] LI, CHENGYU, CN
[72] ZHAO, KUN, CN
[72] ZHANG, HAO, CN
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[54] **PROCEDE ET DISPOSITIF D'INSPECTION D'OBJET ASSEMBLE PAR FROTTEMENT ET AGITATION**
[72] OKAUCHI, HIRONORI, JP
[72] NISHIO, MAMORU, JP
[72] HIRASAWA, HIDEYUKI, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **SEPARATOR WITH PEDAL**
[54] **SEPARATEUR A PEDALE**
[72] SEJOURNE, JEROME, FR
[73] INTERROLL HOLDING AG, CH
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[54] **PONT DE MISE A LA TERRE INTERSYSTEME ET SYSTEME**
[72] SMITH, LAWRENCE J., US
[73] BRIDGEPORT FITTINGS, INC., US
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[54] **SYSTEME DE PANNEAUX DE TOIT COUSUS A REPARTITION UNIFORME**
[72] RIDER, TERRY L., US
[73] DEVELOPMENTAL INDUSTRIES, INC., US
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[54] **CONNECTEUR ELECTRIQUE AVEC APPENDICE SACRIFICIEL**
[72] SIEBENS, LARRY N., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[72] BODA, MALLIKARJUN, US
[73] BLACKBERRY LIMITED, CA
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[54] **MECANISME DE RETENUE DE POSITION POUR ENSEMBLE MURAL MODULAIRE**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS, CA
[73] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[54] **INSTALLATION POUR LA PRODUCTION D'UN PAIN DE CHARBON APPROPRIE POUR LA COKEFACTION**
[72] HOLL, NORBERT, DE
[73] OUTOTEC OYJ, FI
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[54] **SYSTEME ANTIGIVRAGE ELECTROTHERMIQUE DE VOILURE**
[72] STONESTREET, ARLIE D., II, US
[72] KRAUS, HAROLD G., JR., US
[72] GENEREUX, DARIN E., US
[73] ULTRA ELECTRONICS ICE, INC., US
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[72] MALONEY, MICHAEL, US
[73] PEM MANAGEMENT, INC., US
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[54] **COMPOSITION FRIGORIGENE COMPRENANT DU DIFLUOROMETHANE (HFC32) ET DU 2,3,3,3-TETRAFLUOROPROPENE (HFO1234YF)**
[72] SHIBANUMA, TAKASHI, JP
[72] YAMADA, YASUFU, JP
[73] DAIKIN INDUSTRIES, LTD., JP
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[54] **SWIVEL ADAPTOR**
[54] **ADAPTATEUR PIVOTANT**
[72] TREMBLAY, ERIC, CA
[72] DALLAIRE, TOMMY, CA
[73] RV LIGHTING, CA
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[72] RAJAIAH, JAYANTH, US
[72] BAIG, ARIF ALI, US
[72] LEONARD, ROBERT SCOTT, US
[72] WILDER, ELIZABETH ANNE, US
[72] MEDEIROS, FRANCO SILVA, US
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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **EXHAUSTEURS DE GOUT NATURELS ET LEUR PROCEDE DE FABRICATION**
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[72] HOFMANN, THOMAS FRANK, DE
[72] STARK, TIMO DOMINIKUS, DE
[73] PEPSICO, US
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[54] **SYSTEME DE CONFERENCE ET DE COLLABORATION ET METHODES CONNEXES**
[72] COUSE, PETER FRANCIS, CA
[73] MITEL NETWORKS CORPORATION, CA
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[54] **PROCEDE DE FRACTIONNEMENT DE BIOMASSE POUR L'OBTENTION DE BIOPRODUITS**
[72] YUAN, ZHIRUN, CA
[72] BROWNE, THOMAS CARL, CA
[72] ZHANG, XIAO, US
[73] FPINNOVATIONS, CA
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[54] **PROCEDE D'ATTRIBUTION D'UN SECRET A UN JETON DE SECURITE, PROCEDE D'EXPLOITATION D'UN JETON DE SECURITE, SUPPORT DE STOCKAGE ET JETON DE SECURITE**
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[54] **TRAIN D'ATTERRISSAGE D'AVION INCLUANT UN CARENAGE**
[72] SIMONNEAUX, YANN, GB
[73] MESSIER-DOWTY LIMITED, GB
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[54] **PREFERENTIAL AMPLIFICATION OF MRNA OVER DNA USING CHEMICALLY MODIFIED PRIMERS**
[54] **AMPLIFICATION PREFERENTIELLE DE L'ARNM PAR RAPPORT A L'ADN EN UTILISANT DES AMORCES CHIMIQUEMENT MODIFIEES**
[72] STEINER, LORI, US
[72] TSAN, ALISON, US
[72] WILL, STEPHEN G., CH
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[54] **AUTOBUS ELECTRIQUE ET SYSTEME D'ECHANGE DE BATTERIES POUR AUTOBUS ELECTRIQUES**
[72] PARK, JUN SEOK, KR
[72] KIM, WON-KYU, KR
[72] JUNG, WON-JAE, KR
[73] KOOKMIN UNIVERSITY INDUSTRY ACADEMY COOPERATION FOUNDATION, KR
[73] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION OF KOREA AEROSPACE UNIVERSITY, KR
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[54] **COMPOSITION CHIMIQUE STERILISABLE POUR ELEMENTS D'ESSAIS**
[72] HORN, CARINA, DE
[72] STEINKE, NELLI, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **VERIFICATION DE LA REDONDANCE DE COMMUNICATION DANS UN RESEAU**
[72] VALLALA, VIJAY, US
[72] LEE, KENNETH, US
[72] MEHMEDAGIC, ALEN, US
[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
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[54] **PROCESS FOR BACTERIAL STABILIZING OF AQUEOUS GROUND NATURAL CALCIUM CARBONATE AND/OR PRECIPITATED CALCIUM CARBONATE AND/OR DOLOMITE AND/OR SURFACE-REACTED CALCIUM CARBONATE-COMPRISING MINERAL PREPARATIONS**
[54] **PROCEDE DE STABILISATION BACTERIENNE DE PREPARATIONS MINERALES COMPRENANT DU CARBONATE DE CALCIUM NATUREL BROYE AQUEUX ET/OU DU CARBONATE DE CALCIUM PRECIPITE ET/OU DE LA DOLOMITEET/OU DU CARBONATE DE CALCIUM AYANT REAGI EN SURFACE**
[72] DI MAIUTA, NICOLA, CH
[72] SCHWARZENTRUBER, PATRICK, CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **METHOD AND SYSTEM FOR RECORDING DATA MONITORED DURING THE MANUFACTURE OF MOLDED OPHTHALMIC LENSES**
[54] **PROCEDE ET SYSTEME PERMETTANT L'ENREGISTREMENT DE DONNEES DE CONTROLE RELEVEES PENDANT LA FABRICATION DE VERRES OPHTALMIQUES MOULES**
[72] LEPPER, JOHN, US
[72] CANDIDO, WASHINGTON, US
[72] SANKA, RAVI, US
[72] WANG, DANIEL, US
[72] WALKER, LAMAR, US
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[72] BITTO, ENNIO, CH
[72] BRAUN, MARCEL, DE
[72] RIEDER, ALFRED, DE
[72] SCHUETZE, CHRISTIAN, CH
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[54] **RUBAN A MESURER**
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[72] HYMA, STEVEN W., US
[72] BURCH, WADE F., US
[72] LI, CHENG ZHANG, US
[72] FISCHER, SCOTT R., US
[72] KHANGAR, ABHIJEET A., US
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[54] **METHODS, APPARATUS AND SYSTEMS FOR POLISHING WASTEWATER UTILIZING, NATURAL MEDIA FILTRATION**
[54] **PROCEDES, APPAREIL ET SYSTEMES POUR LE POLISSAGE DES EAUX USEES A L'AIDED'UN MILIEU FILTRANT NATUREL**
[72] SMITH, JOHN, US
[72] FU, JAW, US
[72] GHOSH, RAJAT, US
[72] KITZMAN, KEVIN, US
[72] KERKHOFF, JONELL, US
[72] HORGER, ROBERT, US
[72] FULMER, DENNIS, US
[72] BHATTACHARYYA, ANIRUDDHA, US
[72] MIDDLETON, ANDREW, US
[72] WEIGHTMAN, ROBIN, US
[73] ALCOA INC., US
[73] CORPORATE ENVIRONMENTAL SOLUTIONS LLC, US
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[54] **FOUNDATION STRUCTURE HAVING BUOYANCY DEVICE AND METHOD FOR CONTROLLING SAME**
[54] **STRUCTURE DE FONDATION COMPORTANT UN DISPOSITIF FLOTTANT ET PROCEDE POUR COMMANDER CELLE-CI**
[72] ALLTON, RICHARD, GB
[72] GILSON, PHILIPPE, FR
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
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[54] **REMOTE DRIVE FOR DISCONNECTOR/ISOLATOR USED IN SWITCHGEAR**
[54] **COMMANDE A DISTANCE POUR MOYEN DE DECONNEXION/ISOLATION UTILISE DANS UN APPAREILLAGE DE COMMUTATION**
[72] TRUSSLER, RICHARD M., US
[72] LEE, GREGORY B., US
[73] SCHNEIDER ELECTRIC USA, INC., US
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[54] **A METHOD AND SYSTEM FOR COMMUNICATING BETWEEN COMPUTING DEVICES**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ENTRE DES DISPOSITIFS INFORMATIQUES**
[72] DE JONG, MENNO, NL
[73] ECHOSTAR GLOBAL B.V., NL
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[54] **DISPOSITION ET METHODE DE COMPENSATION D'ERREUR DE PHASE**
[72] MAZZUCCO, CHRISTIAN, DE
[72] BIANCHI, SERGIO, DE
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DISPOSITIF DE VERROUILLAGE MECANIQUE A COMMUTATEUR DE DECONNEXION VISIBLE POUR APPAREILLAGE DE CONNEXION**
[72] BULLOCK, SCOTT A., US
[72] RAINES, GARRY F., US
[73] ELECTRO-MECHANICAL CORPORATION, US
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[54] **PRODUCTION OF DIESEL FUEL FROM CRUDE TALL OIL**
[54] **PRODUCTION DE CARBURANT DIESEL A PARTIR D'HUILE DE PIN BRUTE**
[72] MCCALL, MICHAEL J., US
[73] UOP LLC, US
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[54] **METHOD AND APPARATUS FOR SECURING PLANAR ORIENTATION OF ANALYSIS CHAMBER**
[54] **PROCEDE ET APPAREIL PERMETTANT DE GARANTIR UNE ORIENTATION PLANE D'UNE CHAMBRE D'ANALYSE**
[72] BLUM, JOHN N., US
[72] DOSKOCZYNSKI, JOHN J., US
[72] VERMA, KAUSHAL K., US
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[73] ABBOTT POINT OF CARE, INC., US
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[54] **ALKALI-CARBONATE-BASED CARBON DIOXIDE ABSORBENT CONTAINING ADDED STERICALLY HINDERED CYCLIC AMINE, AND METHOD FOR REMOVING CARBON DIOXIDE REMOVING USING SAME**
[54] **ABSORBANT DE DIOXYDE DE CARBONE A BASE D'UN CARBONATE ALCALIN CONTENANT DES AMINES CYCLIQUES A ENCOMBREMENT STERIQUE AJOUTEES, ET PROCEDE D'ELIMINATION DU DIOXYDE DE CARBONE L'UTILISANT**
[72] YOON, YEO-IL, KR
[72] NAM, SUNG-CHAN, KR
[72] KIM, YOUNG-EUN, KR
[72] BAEK, IL-HYUN, KR
[72] PARK, SANG-DO, KR
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[54] **DISPOSITIF DE DISTRIBUTION DE MATERIAU EN BANDE**
[72] NASH, JORGE A., US
[72] CAVIN, ORION A., US
[72] SCHWINLER, NEIL S., US
[72] BARRON, THOMAS J., US
[73] ADALIS CORPORATION, US
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[54] **RECUPERATION AMELIOREE D'ACIDES NUCLEIQUES A PARTIR DE PARTICULES DE VERRE MAGNETIQUES**
[72] JOHNSON, JENNY A., US
[72] KYGER, ERICH, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **PEDICLE SCREWS AND METHODS OF USING THE SAME**
[54] **VIS PEDICULAIRES ET LEURS METHODES D'APPLICATION**
[72] WALKER, JOHN LAWRENCE, US
[72] PHILLIPS, JAMES MILTON, US
[72] JOHNSON, JUSTIN KYLE, US
[72] AUST, GILBERT MONROE, JR., US
[73] SPINAL USA, INC., US
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[54] **WATER INJECTION METHOD FOR ASSISTING IN RECOVERY OF HEAVY OIL**
[54] **PROCEDE D'INJECTION D'EAU FACILITANT LA RECUPERATION DU PETROLE LOURD**
[72] LAMB, DEREK, CA
[72] FREDERICK, LAWRENCE J., CA
[73] SUNRISE OIL SANDS PARTNERSHIP, CA
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[72] WILSON, JOHN R., US
[73] SLOAN VALVE COMPANY, US
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[54] **STERILISATION OF POLYMERISABLE MONOMER**
[54] **STERILISATION DE MONOMERE POLYMERISABLE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **HYPERBOLIC CEILING-REFLECTOR FOR DIRECTIONAL LIGHT SOURCES**
[54] **REFLECTEUR DE PLAFOND HYPERBOLIQUE POUR SOURCES DE LUMIERE DIRECTIONNELLES**
[72] SPENCER, CHARLES JEFFREY, US
[72] XIE, ZHONG, US
[72] GERALDS, TONY, US
[73] JUNO MANUFACTURING, LLC, US
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[54] **OXYGEN, WATER VAPOR, AND CARBON DIOXIDE ABSORPTION IN A SINGLE USE CONTAINER**
[54] **ABSORPTION D'OXYGENE, DE VAPEUR D'EAU, ET DE DIOXYDE DE CARBONE DANS UN RECIPIENT A USAGE UNIQUE**
[72] CRUMP, JOHN W., US
[72] CHAU, CHIEH-CHUN, US
[72] MCKEDY, GEORGE E., US
[72] PAYNE, DAVID S., US
[72] POWERS, THOMAS H., US
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[72] HURLEY, THOMAS J., US
[73] MULTISORB TECHNOLOGIES, INC., US
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[54] **INTERNAL CAVITY OPTICS**
[54] **OPTIQUE A CAVITES INTERNES**
[72] RINKO, KARI J., US
[73] MODILIS HOLDINGS LLC, US
[85] 2012-10-02
[86] 2011-04-06 (PCT/US2011/031440)
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[30] US (61/282,818) 2010-04-06
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[54] **SIMULATOR FOR SKILL-ORIENTED TRAINING**
[54] **SIMULATEUR DESTINE A UNE FORMATION ORIENTEE SUR DES COMPETENCES**
[72] ZBORAY, DAVID, US
[72] BENNETT, MATT, US
[72] LUNDELL, ANDY, US
[72] HENNESSEY, JEREMIAH, US
[72] LENKER, ZACH, US
[72] WALLACE, MATTHEW, US
[72] KALLEN, JON, US
[72] MCKNIGHT, REBECCA, US
[73] VRSIM, INC., US
[85] 2012-10-09
[86] 2011-04-08 (PCT/US2011/000634)
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[25] EN
[54] **NAVIGATED FREEHAND SURGICAL TOOL AND KIT**
[54] **OUTIL ET KIT CHIRURGICAL MAIN LIBRE COMMANDE**
[72] NIKOU, CONSTANTINOS, US
[72] GUIRGI, MARIUS, US
[72] MOODY, JIM, US
[72] MCCANDLESS, BENJAMIN, US
[72] MARKOVITZ, CRAIG S., US
[72] HAHN, ADAM, US
[72] JARAMAZ, BRANISLAV, US
[73] BLUE BELT TECHNOLOGIES, INC., US
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[25] EN
[54] **AN APPARATUS FOR THAWING OR COOLING FOOD PRODUCTS**
[54] **APPAREIL POUR DEGELER OU REFROIDIR DES PRODUITS ALIMENTAIRES**
[72] HOEGNASON, ALBERT, IS
[72] JONASSON, JOHANN, IS
[73] 3X TECHNOLOGY, IS
[85] 2012-10-24
[86] 2010-04-23 (PCT/IS2010/000006)
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[25] EN
[54] **AUTOMATED SYSTEM FOR ANALYZING PHYTOTOXICITY**
[54] **SYSTEME AUTOMATISE PERMETTANT D'ANALYSER LA PHYTOTOXICITE**
[72] STACHON, WALT, US
[72] TERPSTRA, KAROLYN, US
[73] SYNGENTA PARTICIPATIONS AG, US
[85] 2012-11-06
[86] 2011-02-21 (PCT/EP2011/052531)
[87] (WO2011/147596)
[30] US (61/349,018) 2010-05-27
[30] US (61/373,471) 2010-08-13
[30] US (PCT/US2010/046288) 2010-08-23

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[25] EN
[54] **CENTERING DEVICE FOR LOAD TRANSPORTING APPARATUS**
[54] **DISPOSITIF DE CENTRAGE POUR APPAREIL DE TRANSPORT DE CHARGE**
[72] SMITH, SHAWN R., US
[72] SMITH, HARLAN B., US
[73] ENTRO INDUSTRIES, INC., US
[86] (2798743)
[87] (2798743)
[22] 2012-12-13
[30] US (61/576,657) 2011-12-16
[30] US (13/711,315) 2012-12-11

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[25] EN
[54] **METHOD IN A NETWORK ACCESS EQUIPMENT FOR SYNCHRONIZATION BY DEFINING A BURST DURATION AND A BURST PERIOD**
[54] **METHODE POUR UN EQUIPEMENT D'ACCES A UN RESEAU EN VUE DE LA SYNCHRONISATION PAR DEFINITION D'UNE DUREE DE RAFALE ET D'UNE PERIODE DE RAFALE**
[72] JIA, YONGKANG, CA
[72] WOMACK, JAMES EARL, US
[72] CAI, ZHIJUN, US
[72] QU, SHOUXING, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-11-06
[86] 2011-05-12 (PCT/US2011/036228)
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[25] EN
[54] **DISCONNECT DEVICE**
[54] **DISPOSITIF DE DECONNEXION**
[72] VALLETTE, RONALD, US
[72] ZAHNEN, JAMES L., US
[72] CAWOOD, MATTHEW D., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2798975)
[87] (2798975)
[22] 2012-12-17
[30] US (61/584,360) 2012-01-09
[30] US (13/711,726) 2012-12-12

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[51] **Int.Cl. B64D 15/20 (2006.01) G08B 19/02 (2006.01)**
[25] EN
[54] **SUPERCOOLED LARGE DROP ICING CONDITION DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE CONDITIONS DE GIVRAGE EN PRESENCE DE GROSSES GOUTTES D'EAU SURFONDUE**
[72] MEIS, CHARLES STEVEN, US
[72] BOSETTI, CRIS KEVIN, US
[73] THE BOEING COMPANY, US
[86] (2798980)
[87] (2798980)
[22] 2012-12-18
[30] US (13/344,144) 2012-01-05
[30] US (13/414,894) 2012-03-08

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[51] **Int.Cl. D21F 7/00 (2006.01) B65H 23/24 (2006.01) D21F 1/42 (2006.01) D21F 5/04 (2006.01)**
[25] EN
[54] **RUNNABILITY COMPONENT AND METHOD FOR DRYING A PAPER WEB**
[54] **ELEMENT D'EXECUTION MACHINE ET METHODE DE SECHAGE D'UNE TOILE DE PAPIER**
[72] KAASINEN, KIMMO, FI
[72] MILOSAVLJEVIC, NENAD, FI
[72] MUHONEN, KALLE, FI
[72] PIHAJOKI, JARI-PEKKA, FI
[72] SAARIKIVI, PEKKA, FI
[73] METSO PAPER, INC., FI
[86] (2799114)
[87] (2799114)
[22] 2012-12-18
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[25] EN
[54] **METHOD AND APPARATUS FOR THE SEPARATION OF A LIQUID FROM A GAS FEED STREAM IN A CATALYTIC REACTOR**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION D'UN LIQUIDE D'UN COURANT D'ALIMENTATION GAZEUX DANS UN REACTEUR CATALYTIQUE**
[72] THORHAUGE, MAX, DK
[73] HALDOR TOPSOE A/S, DK
[85] 2012-11-14
[86] 2010-06-17 (PCT/EP2010/003635)
[87] (WO2011/144229)
[30] DK (PA2010 00444) 2010-05-20

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[25] EN
[54] **PERCUTANEOUSLY DELIVERABLE HEART VALVE AND METHODS ASSOCIATED THEREWITH**
[54] **VALVULE CARDIAQUE POUVANT ETRE POSEE PAR VOIE PERCUTANEE ET PROCEDES ASSOCIES**
[72] FISH, R. DAVID, US
[72] PANIAGUA, DAVID, US
[73] COLIBRI HEART VALVE LLC, US
[85] 2012-08-31
[86] 2011-03-01 (PCT/US2011/026763)
[87] (WO2011/109450)
[30] US (61/309,109) 2010-03-01
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[25] EN
[54] **ANNULUS PRESSURE SETPOINT CORRECTION USING REAL TIME PRESSURE WHILE DRILLING MEASUREMENTS**
[54] **CORRECTION DE LA CONSIGNE DE PRESSION DANS L'ESPACE ANNULAIRE AU MOYEN DE MESURES DE PRESSION EN TEMPS REEL PENDANT LE FORAGE**
[72] LOVORN, JAMES R., US
[72] SAEED, SAAD, US
[72] DAVIS, NANCY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-05
[86] 2010-06-15 (PCT/US2010/038586)
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[25] EN
[54] **DATA CARRIER HAVING A FEATURE REGION**
[54] **SUPPORT DE DONNEES PRESENTANT UNE ZONE CARACTERISTIQUE**
[72] GREGAREK, ANDRE, DE
[72] HEIM, MANFRED, DE
[72] RENNER, PATRICK, DE
[73] GIESECKE & DEVRIENT GMBH, DE
[85] 2012-12-06
[86] 2011-06-01 (PCT/EP2011/002724)
[87] (WO2011/154112)
[30] DE (10 2010 022 990.3) 2010-06-08

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[51] **Int.Cl. A61K 31/7056 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **USE OF 1-BETA-D-RIBOFURANOSYL-1H-1,2,4-TRIAZOLE-3-CARBOXAMIDE FOR THE TREATMENT OF INFECTIOUS SALMON ANEMIA**
[54] **UTILISATION DE 1-BETA-D-RIBOFURANOSYL-1H-1,2,4-TRIAZOL-3-CARBOXAMIDE POUR LE TRAITEMENT DE L'ANEMIE INFECTIEUSE DU SAUMON (ISA) CHEZ LES SALMONIDES**
[72] SANDINO, ANA MARIA, CL
[72] MLYNARZ ZYLBERBERG, GERALDINE, CL
[72] JASHES MORGUES, MATILDE, CL
[72] SPENCER OSSA, EUGENIO, CL
[73] LABORATORIO DE DIAGNOSTICO GAM, S.A., CL
[85] 2012-12-06
[86] 2010-06-08 (PCT/IB2010/052547)
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[25] EN
[54] **ORAL VETERINARIAN COMPOSITION FOR SALMONIDS COMPRISING 1-BETA-D-RIBOFURANOSYL-1H-1,2,4-TRIAZOLE-3-CARBOXAMIDE AND USE THEREOF IN THE TREATMENT OF INFECTIOUS ANEMIA IN SALMONIDS**
[54] **COMPOSITION VETERINAIRE ORALE POUR SALMONIDES COMPRENANT DE LA 1-BETA-D-RIBOFURANOSYL-1H-1,2,4-TRIAZOL-3-CARBOXAMIDE ET UTILISATION POUR LE TRAITEMENT DE L'ANEMIE INFECTIEUSE DU SAUMON (ISA) CHEZ LES SALMONIDES**
[72] SANDINO, ANA MARIA, CL
[72] MLYNARZ ZYLBERBERG, GERALDINE, CL
[72] JASHES MORGUES, MATILDE, CL
[72] SPENCER OSSA, EUGENIO, CL
[73] LABORATORIO DE DIAGNOSTICO GAM, S.A., CL
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[86] 2010-06-08 (PCT/IB2010/052548)
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[25] EN
[54] **A PROCESS FOR MAKING A NON-WOVEN WEB**
[54] **ETOFFE POUR PROCESSUS DE FORMATION D'UNE BANDE NON TISSEE ET PROCEDE POUR SON UTILISATION**
[72] BREUER, HANS-PETER, DE
[72] REITERER, HARALD, AT
[73] HUYCK LICENSCO INC., US
[85] 2012-12-06
[86] 2011-09-21 (PCT/US2011/052451)
[87] (WO2012/047511)
[30] US (61/387,109) 2010-09-28
[30] US (13/235,873) 2011-09-19

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[13] C
[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61F 2/36 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **PROSTHESIS FOR PARTIAL REPLACEMENT OF A TUBULAR BONE**
[54] **PROTHESE POUR LE REMPLACEMENT PARTIEL D'UN OS LONG**
[72] LINK, HELMUT D., DE
[72] DAENIKE, ANDREAS, DE
[72] JENDRO, GUENTHER, DE
[73] WALDEMAR LINK GMBH & CO. KG, DE
[85] 2012-12-10
[86] 2011-06-10 (PCT/EP2011/002875)
[87] (WO2011/154156)
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[51] **Int.Cl. F41A 7/02 (2006.01) F41A 9/23 (2006.01)**
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[54] **FIREARM CHARGING HANDLE**
[54] **POIGNEE D'ARMEMENT D'ARME A FEU**
[72] BAYLY, TIMOTHY K., CA
[73] BAYLY, TIMOTHY K., CA
[86] (2802637)
[87] (2802637)
[22] 2013-01-17
[30] US (61/604050) 2012-02-28

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[51] **Int.Cl. G06T 1/60 (2006.01)**
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[54] **IMAGE PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE**
[72] YAMADA, YASUHIRO, JP
[72] NAGAI, NORIHIKO, JP
[73] NTT ELECTRONICS CORPORATION, JP
[85] 2012-12-13
[86] 2011-06-07 (PCT/JP2011/063067)
[87] (WO2011/158699)
[30] JP (2010-138566) 2010-06-17

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[13] C
[51] **Int.Cl. E21B 1/24 (2006.01) E21B 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE OPERATION OF CLUSTER DRILL OF DTH HAMMERS**
[54] **PROCEDE ET APPAREIL POUR COMMANDER LE FONCTIONNEMENT D'UN FAISCEAU D'OUTILS DE FORAGE D'OUTILS DE PERCUSSION DANS LE PUITS**
[72] CHAN, LEUNG CHOI, HK
[72] CHAN, KIN CHOI, HK
[73] TOP MARK MECHANICAL EQUIPMENT LIMITED, CN
[86] (2803530)
[87] (2803530)
[22] 2013-01-30
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[51] **Int.Cl. C08G 75/02 (2006.01) C08G 75/12 (2006.01) C08L 81/02 (2006.01) C09J 181/02 (2006.01)**
[25] EN
[54] **POLYTHIOETHER POLYMERS, METHODS FOR PREPARATION THEREOF, AND COMPOSITIONS COMPRISING THEM**
[54] **POLYMERES DE POLYTHIOETHER, PROCEDES DE PREPARATION DE CEUX-CI ET COMPOSITIONS COMPRENANT CES POLYMERES**
[72] KANIA, CHARLES M., US
[72] LIN, RENHE, US
[72] RAO, CHANDRA B., US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2012-12-21
[86] 2011-06-21 (PCT/US2011/041214)
[87] (WO2011/163202)
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[51] **Int.Cl. F16C 11/06 (2006.01)**
[25] EN
[54] **BALL JOINT AND METHOD FOR MANUFACTURING THE SAME**
[54] **ARTICULATION A ROTULE, ET PROCEDE DE PRODUCTION D'ARTICULATION A ROTULE**
[72] KURODA, SHIGERU, JP
[72] OHMURA, SHUJI, JP
[73] NHK SPRING CO., LTD., JP
[85] 2013-01-04
[86] 2011-06-20 (PCT/JP2011/064059)
[87] (WO2012/005104)
[30] JP (2010-154231) 2010-07-06

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[13] C
[51] **Int.Cl. F25J 3/02 (2006.01) B01D 53/00 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RECOVERING LIQUIFIED PETROLEUM GAS FROM NATURAL GAS**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE RECUPERER DES GAZ DE PETROLE LIQUEFIES A PARTIR DE GAZ NATUREL**
[72] CURRENCE, KEVIN L., US
[72] MORTKO, ROBERT A., US
[73] BLACK & VEATCH HOLDING COMPANY, US
[85] 2012-12-31
[86] 2011-06-30 (PCT/US2011/042654)
[87] (WO2012/003358)
[30] US (61/360,753) 2010-07-01

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[25] EN
[54] **APPARATUS AND METHOD FOR HEATING OF HYDROCARBON DEPOSITS BY AXIAL RF COUPLER**
[54] **APPAREIL ET PROCEDE POUR LE CHAUFFAGE DE DEPOTS D'HYDROCARBURE PAR UN COUPLEUR RF AXIAL**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[85] 2013-01-14
[86] 2011-06-24 (PCT/US2011/041783)
[87] (WO2012/012092)
[30] US (12/839,927) 2010-07-20

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[51] **Int.Cl. H02P 6/18 (2006.01) H02P 21/00 (2006.01) H02P 27/04 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR AC ROTATING MACHINE**
[54] **APPAREIL DE COMMANDE POUR UNE MACHINE TOURNANTE A COURANT ALTERNATIF**
[72] KATO, SHO, JP
[72] YAMASAKI, HISANORI, JP
[72] HATANAKA, KEITA, JP
[72] KITANAKA, HIDETOSHI, JP
[72] YAMASHITA, YOSHINORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-01-23
[86] 2011-07-26 (PCT/JP2011/004194)
[87] (WO2012/014443)
[30] JP (2010-168202) 2010-07-27

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[13] C
[51] **Int.Cl. E01B 29/24 (2006.01) E01B 29/26 (2006.01)**
[25] EN
[54] **AUTOMATIC RAIL FASTENER ORIENTER**
[54] **DISPOSITIF D'ORIENTATION DE SERRE-RAIL AUTOMATIQUE**
[72] PIER, MICHAEL T., US
[72] VAN ERT, DANIEL E., US
[72] PIPOL, JUSTIN J., US
[72] BOYD, JAMES W., US
[73] NORDCO INC., US
[86] (2806375)
[87] (2806375)
[22] 2013-02-04
[30] US (13/737,479) 2013-01-29

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[13] C
[51] **Int.Cl. D21H 25/04 (2006.01) D21F 3/08 (2006.01)**
[25] EN
[54] **PAPERMAKING ADDITIVES FOR ROLL RELEASE IMPROVEMENT**
[54] **ADDITIFS DE PAPETERIE POUR AMELIORER LE DEGAGEMENT DES ROULEAUX**
[72] LING, TIEN-FENG, US
[72] SHAROYAN, DAVIT E., US
[72] SCHNELLE, SCOTT T., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2013-01-22
[86] 2011-08-22 (PCT/US2011/048579)
[87] (WO2012/027253)
[30] US (61/376,065) 2010-08-23

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[51] **Int.Cl. A61K 47/02 (2006.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61K 31/713 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE CHELATE COMPLEXES**
[54] **COMPLEXES CHELATES D'OLIGONUCLEOTIDE**
[72] VAILLANT, ANDREW, CA
[72] BAZINET, MICHEL, CA
[73] REPLICOR INC., CA
[85] 2013-01-25
[86] 2011-08-18 (PCT/CA2011/000956)
[87] (WO2012/021985)
[30] US (61/375,257) 2010-08-20

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[13] C
[51] **Int.Cl. F03D 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTING THE ROTATIONAL SPEED OF A WIND TURBINE AND WIND TURBINE**
[54] **PROCEDE POUR L'ADAPTATION DE LA VITESSE DE ROTATION D'UNE INSTALLATION D'ENERGIE EOLIENNE ET INSTALLATION D'ENERGIE EOLIENNE**
[72] HANSEN, MARCO, DE
[72] WARFEN, KARSTEN, DE
[73] SENVION SE, DE
[85] 2013-02-25
[86] 2011-08-30 (PCT/EP2011/004350)
[87] (WO2012/041430)
[30] DE (10 2010 041 508.1) 2010-09-28

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[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HEATING OF HYDROCARBON DEPOSITS BY RF DRIVEN COAXIAL SLEEVE**
[54] **APPAREIL ET PROCEDE DE CHAUFFAGE DE DEPOTS D'HYDROCARBURES PAR MANCHON COAXIAL PILOTE PAR RF**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[85] 2013-03-05
[86] 2011-09-02 (PCT/US2011/050299)
[87] (WO2012/033712)
[30] US (12/878,774) 2010-09-09

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[54] **PROCEDE DE DESORPTION PAR DEPLACEMENT POUR SEPARER LES OLEFINES LEGERES**
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[72] MENON, RAJEEV M., US
[72] KHATRI, AMIT, US
[72] MENSING, SVEN, DE
[72] DUTTA, SANDEEP, US
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[54] **APPLICATEUR DE CHALEUR PAR RADIOFREQUENCE POUR AUGMENTATION DE LA RECUPERATION D'HUILES LOURDES**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
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[54] **METHODE ET SYSTEME DE DILATATION DE MANDRINS SOUS DES OBSTACLES**
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[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **COMPOUND COMPOSITION FOR INHALATION USED FOR TREATING ASTHMA**
[54] **COMPOSITION COMBINEE POUR INHALATION UTILISEE POUR LE TRAITEMENT DE L'ASTHME**
[72] WU, WEI-HSIU, CN
[73] INTECH BIOPHARM LTD., CN
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[54] **UTILISATION D'UN SYSTEME DE COMMANDE POUR L'EXTRACTION D'HYDROCARBURES DANS DES DEPOTS SOUTERRAINS**
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[73] HARRIS CORPORATION, US
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[54] **RECIPIENT DESTINE A ETRE UTILISE LORS DE LA PRODUCTION D'UN PRODUIT SANGUIN MULTI-COUCHES**
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[72] HOLM, NIELS ERIK, DK
[73] REAPPLIX APS, DK
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[54] **DEICER ZONES WITH SHEDDING-ENHANCED BORDERS**
[54] **ZONES DE DEGIVRAGE AVEC BORDURES FACILITANT L'ELIMINATION DU GIVRE**
[72] BOTURA, GALDEMIR, US
[72] BURKETT, BRIAN, US
[72] MITROVIC, MILAN, US
[73] GOODRICH CORPORATION, US
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[54] **AMELIORATIONS APPORTEES A UNE MACHINE DESTINEE A PREPARER DES BOISSONS OU ASSOCIEES A CETTE MACHINE**
[72] BENTLEY, ANDREW CHARLES, GB
[72] LLOYD, ADAM MARTYN, GB
[73] KRAFT FOODS R & D, INC., US
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[54] **METHOD AND SYSTEM FOR REDUCING LIME CONSUMPTION IN DRY FLUE GAS DESULFURIZATION SYSTEMS**
[54] **PROCEDE ET SYSTEME DE REDUCTION DE LA CONSOMMATION DE CHAUX DANS DES SYSTEMES DE DESULFURATION A GAZ D'EVACUATION SEC**
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[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **APPAREILS ET PROCEDES DE MANIPULATION DE TUBES**
[72] GERBER, ANDREW, CA
[72] HUNTER, DOUGLAS A., CA
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[73] INTERROLL HOLDING AG, CH
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[54] **ELEMENTS D'ETANCHEITE DE RCD A MATERIAUX ELASTOMERES MULTIPLES**
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[72] LOCKSTEDT, ALAN W., US
[72] CHELLAPPA, SUDARSANAM, US
[73] SMITH INTERNATIONAL, INC., US
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[73] BLACKBERRY LIMITED, CA
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[54] **EPURATEUR HUMIDE POUR ELIMINATION DU DIOXYDE DE SOUFRE D'UN GAZ DE PROCEDE**
[72] AHMAN, STEFAN OSCAR HUGO, SE
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **DEVICE FOR SEPARATING COMPOSITE MATERIALS**
[54] **DISPOSITIF DE SEPARATION DE MATERIAUX COMPOSITES**
[72] MUTHER, CHRISTOPH, CH
[73] ASCORE TECHNOLOGIES AG, CH
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[54] **PROCEDE DE PRODUCTION D'UNE FEUILLE D'ALUMINIUM A SIGNES DE SECURITE INTEGRES**
[72] BRUNNTHALLER, CHRISTOF, AT
[72] HUBER, RAINER, AT
[72] KORNFELD, MARTIN, AT
[72] SCHEDL, ADOLF, AT
[72] NEKULA, LAMBERT, AT
[72] ZUSER, WILHELM, AT
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[73] CONSTANTIA TEICH GMBH, AT
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[54] **METHOD FOR REDUCING RAG LAYER VOLUME IN STATIONARY FROTH TREATMENT**
[54] **METHODE DE REDUCTION DU VOLUME DE COUCHE DE MOUSSE DANS LE TRAITEMENT DE MOUSSE STATIONNAIRE**
[72] NG, YIN MING SAMSON, CA
[72] KNAPPER, BRIAN, CA
[72] CYMERMAN, GEORGE, CA
[72] TRAN, TAM, CA
[72] YEUNG, ALLAN, CA
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[72] PHILIPP, DIETER, DE
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[72] KUTTEL, BEAT, US
[72] PYRCH, RANDALL S., US
[72] YOUSEF, FAISAL J., US
[72] RICHARDSON, ALAN S., US
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[54] **JOINT DE SCELLEMENT D'EXTREMITE HYDROPHILE**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
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[73] LMK TECHNOLOGIES, LLC, US
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[54] **METHOD OF RECOVERING RARE EARTHS FROM A SOLID MIXTURE CONTAINING A HALOPHOSPHATE AND A RARE EARTH COMPOUND AND SOLID MIXTURES SUITABLE FOR THIS METHOD**
[54] **PROCEDE DE RECUPERATION DES TERRES RARES A PARTIR D'UN MELANGE SOLIDE CONTENANT UN HALOPHOSPHATE ET UN COMPOSE D'UNE TERRE RARE ET MELANGE SOLIDE ADAPTE A CE PROCEDE**
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[72] ROLLAT, ALAIN, FR
[73] RHODIA OPERATIONS, FR
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[54] **TUBE DE CHEMISE AVEC MATERIAU NON ETIRABLE**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
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[54] **MAINTENANCE TOOL USED FOR DOUBLE INSULATOR STRINGS OF DIRECT CURRENT TRANSMISSION LINE**
[54] **OUTIL D'ENTRETIEN UTILISE POUR DES CHAINES D'ISOLATEUR DOUBLES D'UNE LIGNE DE TRANSPORT DE COURANT CONTINU**
[72] ZHANG, MINGXU, CN
[72] KANG, SHUFENG, CN
[72] SHI, FENGXIANG, CN
[72] WANG, XUEBIN, CN
[72] JIAO, JUXUAN, CN
[72] GAO, ZHI, CN
[72] LI, ZHONGSHENG, CN
[72] GENG, SANPING, CN
[72] SU, YONGJIE, CN
[72] LI, JIAN, CN
[72] WANG, JUN, CN
[72] YAO, BOYAN, CN
[72] CHEN, MING, CN
[72] SONG, QIFENG, CN
[73] STATE GRID HEBEI MAINTENANCE BRANCH, CN
[73] STATE GRID CORPORATION OF CHINA, CN
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[54] **DISPOSITIF ET PROCEDE DE REPARATION DE CONDUITE**
[72] KIEST, LARRY W. JR., US
[73] LMK TECHNOLOGIES, LLC, US
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[54] **SYSTEME DE POMPAGE DE FLUIDE POUR PUITS HORIZONTAL ET VERTICAL**
[72] OHMER, HERVE, US
[72] FLETCHER, DAN, CA
[72] LAING, ERIC, CA
[72] STEELE, GEOFF, CA
[73] RAISE PRODUCTION, INC., CA
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[72] NOISHIKI, YASUHARU, JP
[73] ASAHI KASEI FIBERS CORPORATION, JP
[73] NOI LAB INC., JP
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[25] EN
[54] **A METHOD AND SYSTEM FOR INSTALLING GEOTHERMAL HEAT EXCHANGERS, ENERGY PILES, CONCRETE PILES, MICROPILES, AND ANCHORS USING A SONIC DRILL AND A REMOVABLE OR RETRIEVABLE DRILL BIT**
[54] **PROCEDE ET SYSTEME POUR INSTALLER DES ECHANGEURS DE CHALEUR GEOTHERMIQUES, DES PIEUX ENERGETIQUES, DES PIEUX DE BETON, DES MICROPIEUX, ET DES ANCRAGES AU MOYEN D'UN APPAREIL DE FORAGE PAR VIBRATIONS ET D'UN TREPAN RECUPERABLE OU AMOVIBLE**
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[51] **Int.Cl. A23D 9/00 (2006.01) C11B 1/10 (2006.01)**
[25] EN
[54] **KRILL OIL AND METHOD FOR MANUFACTURING THE SAME**
[54] **PROCEDE POUR PRODUIRE DE L'HUILE DE KRILL, ET HUILE DE KRILL PRODUITE PAR LE PROCEDE**
[72] LEE, SANG SU, KR
[73] DAEDUCK FRD CO,. LTD, KR
[85] 2013-08-09
[86] 2011-07-21 (PCT/KR2011/005386)
[87] (WO2012/108593)
[30] KR (10-2011-0012550) 2011-02-11

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[51] **Int.Cl. C11B 3/12 (2006.01) A23D 9/02 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **CARRIER FLUID COMPOSITION COMPRISING FATTY ACIDS ETHYL ESTERS AND PROCESS FOR REDUCING THE CONCENTRATION OF PERSISTENT ORGANIC POLLUTANTS IN FISH OIL**
[54] **COMPOSITION DE FLUIDE PORTEUR COMPRENANT DES ESTERS ETHYLIQUES D'ACIDES GRAS ET PROCEDE POUR REDUIRE LA CONCENTRATION DE POLLUANTS ORGANIQUES PERSISTANTS DANS L'HUILE DE POISSON**
[72] HARTING GLADE, THOMAS FRANCIS, CL
[72] FUENZALIDA DIAZ, MIGUEL ANGEL, CL
[72] MARKOVITS ROJAS, ALEJANDRO, CL
[73] NATURALIS S.A., CL
[85] 2013-08-08
[86] 2012-10-09 (PCT/IB2012/055461)
[87] (WO2013/102800)
[30] US (13/343,348) 2012-01-04

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[51] **Int.Cl. B60S 1/34 (2006.01)**
[25] EN
[54] **WIPER ARM HAVING SWIVEL COVER ALLOWING ACCESS TO THE HEAD AND PIVOT SHAFT**
[54] **BRAS D'ESSUIE-GLACE AYANT UN CAPOT DE PIVOTEMENT PERMETTANT L'ACCES A LA TETE ET A UN ARBRE DE PIVOT**
[72] THIELEN, C. JOSEPH, US
[72] POLOCOSER, MITICA, US
[73] TRICO PRODUCTS CORPORATION, US
[85] 2013-08-22
[86] 2012-03-22 (PCT/US2012/030047)
[87] (WO2012/129369)
[30] US (13/070,897) 2011-03-24

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[13] C
[51] **Int.Cl. E21B 15/02 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **A CANTILEVER SYSTEM AND METHOD OF USE**
[54] **SYSTEME EN PORTE-A-FAUX ET SON PROCEDE D'UTILISATION**
[72] ROPER, RICHARD R., US
[73] ENSCO INTERNATIONAL INCORPORATED, US
[85] 2013-08-29
[86] 2011-12-15 (PCT/US2011/065286)
[87] (WO2012/121773)
[30] US (13/041,185) 2011-03-04

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[13] C
[51] **Int.Cl. A47J 31/00 (2006.01) G06Q 30/02 (2012.01) G07F 13/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR UTILIZING DELAYED DILUTION, MIXING AND FILTERING TO PROVIDE CUSTOMIZED VARIETIES OF FRESH-BREWED COFFEE ON-DEMAND**
[54] **METHODES ET SYSTEMES DE DILUTION, DE MELANGE ET DE FILTRATION DIFFERES PERMETTANT D'OBTENIR DES VARIETES PERSONNALISEES DE CAFE FRAICHEMENT INFUSE SUR DEMANDE**
[72] GUTWEIN, ROGER WILLIAM, US
[72] CONNOR, CHRISTOPHER WADE, US
[73] THE FOLGER COFFEE COMPANY, US
[86] (2829365)
[87] (2829365)
[22] 2000-08-14
[62] 2,568,246
[30] US (60/148,985) 1999-08-14

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[13] C
[51] **Int.Cl. F24H 9/18 (2006.01) F24H 1/18 (2006.01) F24H 1/34 (2006.01) F24H 1/44 (2006.01)**
[25] EN
[54] **INTEGRATED WATER HEATING SYSTEM WITH SUPPLY RESERVOIR**
[54] **SYSTEME DE CHAUFFAGE D'EAU INTEGRE AVEC RESERVOIR D'ALIMENTATION**
[72] LESAGE, CLAUDE, CA
[73] MICLAU - S.R.L. INC., CA
[86] (2829601)
[87] (2829601)
[22] 2013-10-07

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[11] **2,831,235**
[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ELECTRONIC COMMERCE CHECKOUT PROCEDURES OF A WEBSITE**
[54] **PROCEDURES DE COMMERCE ELECTRONIQUE DE PASSAGE A LA CAISSE D'UN SITE WEB**
[72] LORBIECKI, LEANN, US
[72] JUNNURU, SRINIVAS, US
[73] TARGET BRANDS, INC., US
[86] (2831235)
[87] (2831235)
[22] 2013-10-28
[30] US (14/033,239) 2013-09-20

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[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) H04L 12/16 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **NETWORK TRAFFIC-BASED THROTTLING OF ELECTRONIC COMMERCE ACTIVITY**
[54] **LIMITATION FONDEE SUR LE TRAFIC SUR LE RESEAU DE L'ACTIVITE COMMERCIALE ELECTRONIQUE**
[72] GARNEPUDI, SRIKANTH, US
[72] JUNNURU, SRINIVAS, US
[72] LORBIECKI, LEANN, US
[72] HEMANT, US
[72] MAKKI, KAMRAN, US
[72] SEEGER, JOEL, US
[73] TARGET BRANDS, INC., US
[86] (2831241)
[87] (2831241)
[22] 2013-10-28
[30] US (14/033,167) 2013-09-20

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[13] C
[51] **Int.Cl. B26D 5/02 (2006.01) B26D 5/12 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **CUTTING APPARATUS EMPLOYING A MAGNET**
[54] **APPAREIL DE COUPE DOTE D'UN AIMANT**
[72] JONES, ROBERT E., US
[72] THOMPSON, ROBERT B., US
[73] KEY TECHNOLOGY, INC., US
[85] 2013-10-03
[86] 2012-02-29 (PCT/US2012/027080)
[87] (WO2012/148567)
[30] US (13/066,790) 2011-04-25

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[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61J 1/20 (2006.01) A61M 5/162 (2006.01)**
[25] EN
[54] **RESERVOIR CONNECTOR**
[54] **RACCORD POUR RESERVOIR**
[72] ADAIR, RANDY W., US
[72] MOBERG, SHELDON B., US
[72] SRISATHAPAT, CHALIRMKIERT, US
[73] MEDTRONIC MINIMED, INC., US
[86] (2832936)
[87] (2832936)
[22] 1999-10-28
[62] 2,669,175
[30] US (60/106,237) 1998-10-29

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[51] **Int.Cl. A01N 43/38 (2006.01) A01N 47/06 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **USE OF TETRAMIC ACID DERIVATIVES FOR CONTROLLING PESTS BY DRENCHING, DRIP APPLICATION, DIP APPLICATION OR SOIL INJECTION**
[54] **UTILISATION DE DERIVES D'ACIDE TETRAMIQUE POUR LA MAITRISE DES ANIMAUX NUISIBLES PAR PULVERISATION, APPLICATION GOUTTE-A-GOUTTE, TREMPAGE OU INJECTION DANS LE SOL**
[72] MACOM, THOMAS E., US
[72] FISCHER, REINER, DE
[72] BARON, GERHARD, DE
[72] SANWALD, ERICH, DE
[72] ROYALTY, REED NATHAN, US
[72] VAN WAETERMEULEN, XAVIER ALAIN MARIER, DE
[72] RECKMANN, UDO, DE
[72] GLADBACH, ALEXANDRA, DE
[72] KRUEGER, STEPHEN, US
[72] MARCZOK, PETER, DE
[73] BAYER CROPSCIENCE AG, DE
[86] (2833704)
[87] (2833704)
[22] 2007-03-23
[62] 2,647,354
[30] DE (102006014653.0) 2006-03-28

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[13] C
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **FLEXIBLE-USAGE TRAVEL SUITE**
[54] **SUITE DE VOYAGE A USAGE FLEXIBLE**
[72] JOHNSON, GLENN A., US
[72] PLANT, TOMMY G., US
[73] BE AEROSPACE, INC., US
[85] 2013-10-18
[86] 2012-06-06 (PCT/US2012/040989)
[87] (WO2012/173836)
[30] US (13/163,089) 2011-06-17

[11] **2,834,684**
[13] C
[51] **Int.Cl. D06C 7/02 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **SURGICAL MESH WITH DIMENSIONALLY STABILIZED PORE**
[54] **TAMIS CHIRURGICAL AVEC PORE STABILISE EN DIMENSIONS**
[72] BEYER, SARAH, US
[72] JESSUP, MARK, US
[73] ATEX TECHNOLOGIES, INC., US
[85] 2013-10-29
[86] 2012-05-14 (PCT/US2012/037718)
[87] (WO2012/158590)
[30] US (61/485,669) 2011-05-13

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[13] C
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT SYSTEM**
[54] **SYSTEME D'IMPLANT DENTAIRE**
[72] NIKE, LEO, CA
[73] ADAPTALL MANUFACTURING INC., CA
[85] 2013-11-08
[86] 2013-01-08 (PCT/CA2013/000008)
[87] (WO2013/104048)
[30] US (13/348,755) 2012-01-12

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[13] C
[51] **Int.Cl. F16L 1/20 (2006.01) B21D 39/04 (2006.01) F16L 3/237 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO PIPELAYING**
[54] **AMELIORATIONS SE RAPPORTANT A LA POSE DE CANALISATIONS**
[72] ROLF, LEE KARL, GB
[72] HIMSWORTH, HENRY WILLIAM, GB
[72] SOBCZAK, LUKASZ, GB
[73] SUBSEA 7 LIMITED, GB
[85] 2013-12-23
[86] 2012-07-12 (PCT/GB2012/051659)
[87] (WO2013/008022)
[30] GB (1112131.6) 2011-07-14

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[13] C
[51] **Int.Cl. H04R 3/00 (2006.01) H01R 31/06 (2006.01)**
[25] EN
[54] **AUDIO SIGNAL RECEIVING DEVICE, AUDIO SIGNAL ADAPTER DEVICE AND SYSTEM FOR TRANSMITTING AUDIO SIGNAL**
[54] **RECEPTEUR DE SIGNAUX AUDIO, DISPOSITIF ADAPTATEUR ET SYSTEME DE TRANSMISSION DE SIGNAUX AUDIO**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2013-12-16
[86] 2012-06-15 (PCT/CN2012/077042)
[87] (WO2012/171496)
[30] CN (201110161131.4) 2011-06-15

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[51] **Int.Cl. C07C 233/35 (2006.01) A61K 8/33 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61Q 13/00 (2006.01) C07C 233/36 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **FUNCTIONAL FRAGRANCE PRECURSOR**
[54] **PRECURSEURS FONCTIONNELS DE PARFUMS**
[72] SMITH, DANIEL W., US
[72] FAROOQ, AMJAD, US
[72] WU, DONGHUI, US
[72] HEIBEL, MARIJA, US
[72] DREHS, KAREN, US
[73] COLGATE-PALMOLIVE COMPANY, US
[86] (2839590)
[87] (2839590)
[22] 2003-11-19
[62] 2,507,023
[30] US (10/303,287) 2002-11-25

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[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G01S 13/74 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING PRODUCT INVENTORY**
[54] **SYSTEME ET METHODE DE GESTION DE STOCKS DE PRODUITS**
[72] MCHUGH, MICHAEL, US
[72] FINN, JAMES NICHOLAS, US
[73] W.W. GRAINGER, INC., US
[86] (2840653)
[87] (2840653)
[22] 2014-01-23
[30] US (13/774,575) 2013-02-22

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[13] C
[51] **Int.Cl. B65D 88/12 (2006.01) B01D 21/02 (2006.01) B60P 3/42 (2006.01) B65D 88/06 (2006.01) F16M 3/00 (2006.01)**
[25] EN
[54] **PORTABLE TANK APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE RESERVOIR PORTABLE ET PROCEDE D'UTILISATION**
[72] CLARK, GLENN, CA
[72] MORRELL, COLIN, CA
[73] CLARK, GLENN, CA
[73] MORRELL, COLIN, CA
[86] (2841467)
[87] (2841467)
[22] 2006-02-07
[62] 2,596,334
[30] US (11/052,683) 2005-02-07

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[13] C
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE WITH INTERFACE RECONFIGURATION MODE**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE A MODE DE RECONFIGURATION D'INTERFACE**
[72] VAN OS, MARCEL, US
[72] ANZURES, FREDDY A., US
[72] FORSTALL, SCOTT, US
[72] CHRISTIE, GREG, US
[72] ORDING, BAS, US
[72] CHAUDHRI, IMRAN, US
[72] LEMAY, STEPHEN O., US
[73] APPLE INC., US
[86] (2845297)
[87] (2845297)
[22] 2006-12-28
[62] 2,633,759
[30] US (60/755,368) 2005-12-30
[30] US (11/459,602) 2006-07-24

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[13] C
[51] **Int.Cl. A01D 47/00 (2006.01)**
[25] EN
[54] **COMBINE HARVESTER DRAPER HEADER HAVING FLEXIBLE CUTTERBAR**
[54] **TETE DE TULOTEUSE DE MOISSONNEUSE-BATTEUSE AYANT UNE BARRE DE COUPE FLEXIBLE**
[72] SCHMIDT, JAMES R., US
[72] SAUERWEIN, CHRISTOPHER T., US
[72] LOHRENTZ, RANDY, US
[72] REGIER, BERNARD D., US
[72] CLARK, STANLEY R., US
[72] BERGKAMP, ALAN R., US
[73] AGCO CORPORATION, US
[86] (2847627)
[87] (2847627)
[22] 2007-02-02
[62] 2,640,605
[30] US (60/771,981) 2006-02-10
[30] US (11/670,295) 2007-02-01

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[11] **2,848,801**
[13] C
[51] **Int.Cl. A47L 5/30 (2006.01) A47L 9/04 (2006.01)**
[25] EN
[54] **SURFACE-CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE SURFACE**
[72] WOODS, ETHAN, US
[73] GRILLBOT, LLC, US
[85] 2014-03-13
[86] 2012-11-27 (PCT/US2012/066678)
[87] (WO2013/082046)
[30] US (61/565,268) 2011-11-30
[30] US (13/671,125) 2012-11-07

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[13] C
[51] **Int.Cl. A47C 7/72 (2006.01) B60R 7/08 (2006.01) B60R 11/02 (2006.01) B64D 11/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **SEATBACK HOLDER FOR TABLET COMPUTERS**
[54] **SUPPORT DE DOS DE SIEGE POUR TABLETTES ELECTRONIQUES**
[72] HONTZ, JEFFREY W., US
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLENN A., US
[73] BE AEROSPACE, INC., US
[85] 2013-09-12
[86] 2012-04-04 (PCT/US2012/032080)
[87] (WO2012/138699)
[30] US (61/471,487) 2011-04-04

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[13] C
[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **SURGICAL GOWN WITH FUNCTIONAL WINDOW**
[54] **BLOUSE CHIRURGICALE POURVUE D'UNE FENETRE FONCTIONNELLE**
[72] GOOI, PATRICK, CA
[72] GOOI, ADRIAN, CA
[72] WARRIAN, KEVIN J., CA
[73] GOOI, PATRICK, CA
[73] GOOI, ADRIAN, CA
[73] WARRIAN, KEVIN J., CA
[86] (2851845)
[87] (2851845)
[22] 2014-05-06

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[51] **Int.Cl. H04W 74/04 (2009.01) H04W 28/10 (2009.01) H04W 72/04 (2009.01) H04L 1/18 (2006.01)**
[25] EN
[54] **MAC LAYER RECONFIGURATION IN A MOBILE COMMUNICATION SYSTEM**
[54] **RECONFIGURATION DE COUCHE MAC DANS UN SYSTEME DE COMMUNICATIONS MOBILE**
[72] LOHR, JOACHIM, DE
[72] PETROVIC, DRAGAN, DE
[72] SEIDEL, EIKO, DE
[73] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[86] (2855856)
[87] (2855856)
[22] 2006-08-16
[62] 2,618,559
[30] EP (05017777.3) 2005-08-16

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[13] C
[51] **Int.Cl. C09K 8/514 (2006.01) C09K 8/506 (2006.01) E21B 33/12 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **WEIGHTED ZERO SOLIDS LOSS CIRCULATION, FLUID LOSS AND INSULATING ANNULAR SPACE FLUID SYSTEMS**
[54] **FLUIDES DE PERTE DE CIRCULATION LESTES ET EXEMPTS DE MATIERES SOLIDES, REDUCTION DE LA PERTE DE FLUIDES DE CIRCULATION ET SYSTEMES D'ISOLATION D'ESPACE ANNULAIRE A L'AIDE DE FLUIDES**
[72] BENTON , WILLIAM J., US
[73] CABOT SPECIALTY FLUIDS, INC., US
[86] (2856637)
[87] (2856637)
[22] 2007-05-09
[62] 2,651,947
[30] US (11/431,205) 2006-05-10

[11] **2,859,102**
[13] C
[51] **Int.Cl. G03B 13/02 (2006.01) G03B 13/12 (2006.01) G03B 15/14 (2006.01)**
[25] EN
[54] **ORIENTATION SYSTEM FOR IMAGE RECORDING DEVICES**
[54] **SYSTEME D'ORIENTATION POUR DISPOSITIFS D'ENREGISTREMENT D'IMAGES**
[72] WARRIAN, KEVIN J., CA
[72] GOOI, ADRIAN, CA
[72] GOOI, PATRICK, CA
[73] WARRIAN, KEVIN J., CA
[73] GOOI, ADRIAN, CA
[73] GOOI, PATRICK, CA
[86] (2859102)
[87] (2859102)
[22] 2014-08-11
[30] CA (PCT/CA2014/050738) 2014-08-06

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[13] C
[51] **Int.Cl. H03M 7/30 (2006.01) G10L 19/022 (2013.01) G06F 17/14 (2006.01)**
[25] EN
[54] **ADAPTIVE HYBRID TRANSFORM FOR SIGNAL ANALYSIS AND SYNTHESIS**
[54] **TRANSFORMEE HYBRIDE ADAPTATIVE POUR L'ANALYSE ET LA SYNTHESE DE SIGNAUX**
[72] DAVIDSON, GRANT ALLEN, US
[72] VINTON, MARK STUART, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (2860180)
[87] (2860180)
[22] 2005-01-21
[62] 2,554,381
[30] US (10/783,951) 2004-02-19

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[13] C
[51] **Int.Cl. C07C 219/30 (2006.01) A61K 31/24 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **POLYMORPHS OF 4-[2-DIMETHYLAMINO-1-(1-HYDROXYCYCLOHEXYL)ETHYL]PHENYL 4-METHYLBENZOATE HYDROCHLORIDE, METHODS FOR PREPARING THE SAME AND USE OF THE SAME**
[54] **FORMES POLYMORPHIQUES DU CHLORHYDRATE DE 4-METHYLBENZOATE DE 4-[2-DIMETHYLAMINO-1-(1-HYDROXYCYCLOHEXYL)ETHYL]PHENYLE, LEURS PROCEDES DE SYNTHESE ET LEUR UTILISATION**
[72] LI, YOUXIN, DE
[72] LIU, WANHUI, CN
[72] LV, YANG, CN
[72] DU, GUANHUA, CN
[72] MENG, QINGGUO, CN
[72] YANG, MINA, CN
[72] ZHOU, FENGMEI, CN
[72] LI, JU, CN
[72] ZHANG, XUEMEI, CN
[73] SHAN DONG LUYE PHARMACEUTICAL CO., LTD., CN
[73] LI, YOUXIN, DE
[86] (2860747)
[87] (2860747)
[22] 2011-09-28
[62] 2,812,227
[30] CN (201010503737.7) 2010-10-01

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[11] **2,863,415**
[13] C
[51] **Int.Cl. C12M 1/42 (2006.01) C12M 1/04 (2006.01) C12M 1/24 (2006.01) C12M 1/28 (2006.01) C12M 1/34 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **PHOTOBIOREACTORS AND CULTURE BAGS FOR USE THEREWITH**
[54] **PHOTOBIOREACTEURS ET SACS DE CULTURE DESTINES A ETRE UTILISES AVEC CES PHOTOBIOREACTEURS**
[72] BOILY, SABIN, CA
[72] BUJOLD, SERGE, CA
[72] FRABOULET, ERWANN, CA
[73] RIVAL SOCIETE EN COMMANDITE, CA
[85] 2014-07-31
[86] 2012-04-02 (PCT/CA2012/000330)
[87] (WO2012/129681)
[30] US (61/470,002) 2011-03-31

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[13] C
[51] **Int.Cl. A01C 1/00 (2006.01)**
[25] EN
[54] **AUTOMATED CONTAMINATION-FREE SEED SAMPLER AND METHODS OF SAMPLING, TESTING AND BULKING SEEDS**
[54] **ECHANTILLONNEUR AUTOMATIQUE DE GRAINES SANS RISQUE DE CONTAMINATION ET PROCEDES D'ECHANTILLONNAGE, DE TESTS ET DE REGROUPEMENT DES GRAINES**
[72] DEPPERMANN, KEVIN, US
[72] LISTELLO, JENNIFER, US
[72] RAHN, PHILLIP, US
[72] KOESTEL, ANGELA, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2864360)
[87] (2864360)
[22] 2007-03-02
[62] 2,644,958
[30] US (60/778,830) 2006-03-02
[30] US (11/680,180) 2007-02-28

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[13] C
[51] **Int.Cl. G01V 8/02 (2006.01) G01N 21/3504 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYSING COMPOSITION OF HYDROCARBON AND CARBON DIOXIDE GASES LIBERATED FROM DRILLING FLUIDS**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ANALYSER LA COMPOSITION D'HYDROCARBURES ET DE DIOXYDES DE CARBONE GAZEUX LIBERES A PARTIR DE FLUIDES DE FORAGE**
[72] GUNN, SCOTT EDWIN, CA
[72] DEBLIEK, JOHN WESLEY, CA
[73] GEOLOGICAL RENTALS & SERVICES, INC., CA
[85] 2014-10-21
[86] 2013-06-14 (PCT/US2013/046030)
[87] (WO2013/188853)
[30] US (61/660,198) 2012-06-15

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[13] C
[51] **Int.Cl. H04R 3/00 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **ADAPTIVE METHOD AND DEVICE OF AUDIO INTERFACE AND ELECTRONIC SIGNATURE TOKEN**
[54] **PROCEDE ET DISPOSITIF ADAPTATIFS D'INTERFACE AUDIO ET JETON DE SIGNATURE ELECTRONIQUE**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2014-12-15
[86] 2013-06-14 (PCT/CN2013/077223)
[87] (WO2013/185627)
[30] CN (201210200678.5) 2012-06-14

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[21] **2,835,792**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **PROCESS AND METHOD FOR REMOTELY MEASURING AND QUANTIFYING CARBONDIOXIDE SEQUESTRATION FROM OCEAN IRON ENRICHMENT**
[54] **PROCEDE ET METHODE POUR MESURER ET QUANTIFIER A DISTANCE LA SEQUESTRATION DU DIOXYDE DE CARBONE A PARTIR DE L'ENRICHISSEMENT EN FER DES OCEANS**
[72] UNKNOWN, ZZ
[71] BLUE CARBON SOLUTIONS INC, CA
[22] 2014-01-28
[41] 2015-07-28

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[21] **2,840,682**
[13] A1
[51] **Int.Cl. B05B 3/04 (2006.01)**
[25] EN
[54] **SPRINKLER HEAD FOR EMBEDDED SPRINKLER**
[54] **TETE D'ARROSEUR POUR ARROSEUR DISSIMULE**
[72] LO, SHUN-NAN, TW
[71] YUAN-MEI CORP., TW
[22] 2014-01-27
[41] 2015-07-27

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[13] A1
[51] **Int.Cl. A63B 67/14 (2006.01) A63B 69/00 (2006.01) A63B 69/40 (2006.01) A63B 71/02 (2006.01)**
[25] EN
[54] **ROCK CURLING MACHINE**
[54] **MACHINE DE LANCEMENT DE PIERRE DE CURLING**
[72] GREGORY, TERRANCE GORDON, CA
[72] ENGLAND, PETER BARRY, CA
[71] GREGORY, TERRANCE GORDON, CA
[71] ENGLAND, PETER BARRY, CA
[22] 2014-01-28
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[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) B65D 63/00 (2006.01) F16G 11/10 (2006.01) F16G 11/14 (2006.01) F16L 3/137 (2006.01) F16L 3/233 (2006.01) F16L 33/03 (2006.01)**
[25] EN
[54] **IMPLEMENT FOR TYING UP AND SUSPENDING OBJECTS**
[54] **ACCESSOIRE POUR FIXER ET SUSPENDRE DES OBJETS**
[72] KIERSTEAD, RICHARD, CA
[71] KIERSTEAD, RICHARD, CA
[22] 2014-01-27
[41] 2015-07-27

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[13] A1
[51] **Int.Cl. B60F 5/02 (2006.01) B64C 29/00 (2006.01) B64C 37/00 (2006.01)**
[25] EN
[54] **VERTICAL TAKE-OFF AND LANDING ROADABLE AIRCRAFT**
[54] **AERONEF A DECOLLAGE ET ATTERRISSAGE VERTICAUX POUVANT CIRCULER SUR LA ROUTE**
[72] GAONJUR, RAJESH, CA
[71] GAONJUR, RAJESH, CA
[22] 2014-01-28
[41] 2015-07-28

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[13] A1
[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/00 (2006.01) F16H 33/00 (2006.01)**
[25] EN
[54] **DOUBLE SATURN ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE DOUBLE DE TYPE SATURNIEN**
[72] WOODS, TIMOTHY JOHN, CA
[71] WOODS, TIMOTHY JOHN, CA
[22] 2014-01-28
[41] 2015-07-28

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[21] **2,840,920**
[13] A1
[51] **Int.Cl. G99Z 99/00 (2006.01) H05H 1/00 (2006.01)**
[25] EN
[54] **GENERATING POWER FROM MATTER USING INITIATOR**
[54] **GENERATION D'ENERGIE A PARTIR D'UNE MATIERE AU MOYEN D'UN INITIATEUR**
[72] HOLMES, IAN MARTIN MACALLISTER, CA
[71] HOLMES, IAN MARTIN MACALLISTER, CA
[22] 2014-01-27
[41] 2015-07-27

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[13] A1
[51] **Int.Cl. B60S 11/00 (2006.01)**
[25] FR
[54] **TEMPORARY WHEEL SUPPORT FOR SNOWMOBILE**
[54] **SUPPORT DE ROUE TEMPORAIRE DE MOTONEIGE**
[72] LACOMBE, DANIEL, CA
[71] LACOMBE, DANIEL, CA
[22] 2014-01-29
[41] 2015-07-29

[21] **2,841,024**
[13] A1
[51] **Int.Cl. B65D 83/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **UNIT DOSE ARTICLE**
[54] **ARTICLE DE TYPE DOSES UNITAIRES**
[72] BRANDT SANZ, MIGUEL, BE
[72] HEALY, YANN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2014-01-30
[41] 2015-07-30

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[13] A1
[51] **Int.Cl. H02J 17/00 (2006.01) G06F 1/16 (2006.01) G06F 1/26 (2006.01) H02J 7/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **ULTRA THIN MOBILE PROTECTOR WITH EMBEDDED WIRELESS POWER RECEIVER**
[54] **PROTECTEUR MOBILE ULTRAMINCE DOTE D'UN RECEPTEUR ELECTRIQUE SANS FIL INTEGRE**
[72] SPENCE, DAVID, CA
[71] SPENCE, DAVID, CA
[22] 2014-01-30
[41] 2015-07-30

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[21] **2,841,188**
[13] A1
[51] **Int.Cl. A01F 15/00 (2006.01)**
[25] EN
[54] **VERTICAL STACKING BALE ACCUMULATOR**
[54] **ACCUMULATEUR DE BOTTES A EMPILAGE VERTICAL**
[72] BERGEN, HARVEY G., CA
[72] FRIESEN, A. PHILIP, CA
[71] PHIBER MANUFACTURING INC., CA
[22] 2014-01-27
[41] 2015-07-27

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[21] **2,841,191**
[13] A1
[51] **Int.Cl. E04G 3/26 (2006.01) E04D 15/00 (2006.01)**
[25] EN
[54] **ROOFTOP BRACKET OR JACK SYSTEM FOR SUPPORTING ROOFERS, ROOFING SUPPLIES OR OTHER ROOFTOP LOADS**
[54] **SUPPORT OU SYSTEME DE CRIC POUR TOIT SERVANT A SUPPORTER DES COUVREURS, DES MATERIAUX DE COUVERTURE OU D~AUTRES CHARGES SUR LE TOIT**
[72] SUTHERLAND, JOHN, CA
[71] SUTHERLAND, JOHN, CA
[22] 2014-01-29
[41] 2015-07-29

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[21] **2,841,257**
[13] A1
[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **DOG RUNNING APPARATUS**
[54] **APPAREIL DE COURSE POUR CHIENS**
[72] KRASILCZUK, CHRISTOPHER, CA
[71] KRASILCZUK, CHRISTOPHER, CA
[22] 2014-01-30
[41] 2015-07-30

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[21] **2,841,279**
[13] A1
[51] **Int.Cl. F04B 19/06 (2006.01) A47K 5/12 (2006.01) A47K 5/14 (2006.01) B65D 47/34 (2006.01) F04B 9/14 (2006.01)**
[25] EN
[54] **MULTIPLE AIR CHAMBER FOAM PUMP**
[54] **POMPE A MOUSSE A CHAMBRE D'AIR MULTIPLE**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[71] OPHARDT, HEINER, CH
[71] JONES, ANDREW, CA
[22] 2014-01-29
[41] 2015-07-29

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[21] **2,841,306**
[13] A1
[51] **Int.Cl. G01G 23/36 (2006.01) A47G 29/122 (2006.01)**
[25] EN
[54] **BLUETOOTH ENABLED SMART SCALE FOR SMALL WEIGHT INCREASES THAT SENDS ALERT TO COMPUTER/SMARTPHONE THAT WEIGHT OR MASS HAS BEEN ADDED ON TOP - FOR USE IN PHYSICAL MAILBOXES - AS WELL AS THE PROCESS OF NOTIFYING A MAILBOX OWNER OR USER THAT MAIL OR ITEM SENT THROUGH THE POST HAS BEEN DEPOSITED IN A MAILBOX BY BEING ADDED ON TOP OF THE DEVICE OR ...**
[54] **BALANCE INTELLIGENTE ACTIVEE PAR BLUETOOTH POUR PETITES AUGMENTATIONS DE POIDS QUI ENVOIE UN MESSAGE A UN ORDINATEUR OU UN TELEPHONE INTELLIGENT INDIQUANT QU'UN POIDS OU UNE MASSEA ETE AJOUTEE SUR LE DESSUS POUR UTILISATION DANS LES BOITES AUX LETTRES PHYSIQUES AINSI QUE LE PROCEDE VISANT A AVISER LE PROPRIETAIRE OU L'UTILISATEUR D'UNE BOITE AUX LETTRE**
[72] UNKNOWN, ZZ
[71] MERRIGAN, DAVID, CA
[22] 2014-01-27
[41] 2015-07-27

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[13] A1
[51] **Int.Cl. B01D 17/022 (2006.01) B67D 7/76 (2010.01) B01D 15/00 (2006.01) B01D 17/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING WATER FROM A HYDROCARBON TANK AND METHOD OF USE THEREOF**
[54] **APPAREIL PERMETTANT DE RETIRER L'EAU D'UN RESERVOIR D'HYDROCARBURES ET PROCEDE D'UTILISATION CONNEXE**
[72] EDGAR, TERRY, CA
[72] EDGAR, TED, CA
[71] CAN-ROSS ENVIRONMENTAL SERVICES LTD., CA
[22] 2014-01-31
[41] 2015-07-31

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[21] **2,841,326**
[13] A1
[51] **Int.Cl. B65D 47/34 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS RELATING TO LIQUID DISPENSING**
[54] **PROCEDES ET SYSTEMES RELATIFS A LA DISTRIBUTION DE LIQUIDES**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2014-01-30
[41] 2015-07-30

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[21] **2,841,370**
[13] A1
[51] **Int.Cl. A61G 7/002 (2006.01) A47C 17/04 (2006.01) A47C 20/04 (2006.01) A61G 7/015 (2006.01) A61G 7/16 (2006.01)**
[25] EN
[54] **ROLEVA, ROTATING AND ELEVATING HOSPITAL BED**
[54] **ROLEVA, LIT D'HOPITAL ROTATIF ET ELEVATEUR**
[72] BRAUNSTEIN, ALFRED, CA
[71] FERENBOK, JOSEPH, CA
[22] 2014-01-31
[41] 2015-07-31

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[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) G04G 21/04 (2013.01) G04G 17/00 (2013.01) G06F 3/14 (2006.01) G06F 13/38 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR PORTABLE PROCESSING AND APPLICATION EXECUTION**
[54] **DISPOSITIFS ET PROCEDES POUR TRAITEMENT PORTABLES ET EXECUTION D'APPLICATION**
[72] BRAWER, EDWARD, CA
[71] USQUARE SOFT INC., CA
[22] 2014-01-31
[41] 2015-07-31

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[21] **2,841,409**
[13] A1
[51] **Int.Cl. B65F 7/00 (2006.01) A47G 29/00 (2006.01) A47J 47/00 (2006.01)**
[25] EN
[54] **KOMPOSTOR (KITCHEN COMPOST COLLECTOR)**
[54] **KOMPOSTOR (COLLECTEUR DE COMPOST POUR CUISINE)**
[72] BRAND, STEVEN J., CA
[71] BRAND, STEVEN J., CA
[22] 2014-01-30
[41] 2015-07-30

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[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01) B01D 35/02 (2006.01) E03F 5/14 (2006.01)**
[25] EN
[54] **INSTALLATION DEVICE FOR STORM DRAIN TRAP**
[54] **DISPOSITIF D'INSTALLATION DE SIPHON DE COLLECTEUR D'EAUX PLUVIALES**
[72] ALEXANDER, JAMES R., CA
[71] ALEXANDER, JAMES R., CA
[22] 2014-01-31
[41] 2015-07-31

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[21] **2,841,500**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01)**
[25] EN
[54] **STABILIZER ASSEMBLLY FOR WIRED DRILL PIPE COUPLING**
[54] **ENSEMBLE STABILISATEUR POUR RACCORD DE TIGE DE FORAGE CABLEE**
[72] DAHLGREN, SCOTT, US
[72] BRISCOE, MICHAEL A., US
[71] INTELLISERV INTERNATIONAL HOLDING, LTD., KY
[22] 2014-01-31
[41] 2015-07-31

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[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) B65C 3/08 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **DETACHABLE LABEL PORTION AND METHOD FOR PRODUCING THE SAME**
[54] **PORTION D'ETIQUETTE DETACHABLE ET METHODE DE PRODUCTION ASSOCIEE**
[72] COUTURE, MARIE, CA
[71] COUTURE, MARIE, CA
[22] 2014-01-31
[41] 2015-07-31

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[21] **2,841,674**
[13] A1
[51] **Int.Cl. A41F 15/00 (2006.01) A41D 13/05 (2006.01) A41D 27/00 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **STRETCHABLE STRAP HAVING A PADDING ELEMENT**
[54] **BANDE ETIRABLE COMPORTANT UN ELEMENT COUSSINE**
[72] MARTEL, PASCAL, CA
[71] BAUER HOCKEY CORP., CA
[22] 2014-01-31
[41] 2015-07-31

[21] **2,841,708**
[13] A1
[51] **Int.Cl. B65G 61/00 (2006.01) B65B 1/30 (2006.01) B65B 39/10 (2006.01) B65B 43/54 (2006.01) B65B 57/00 (2006.01) B65B 61/24 (2006.01) B65G 43/10 (2006.01) B65G 57/02 (2006.01) B65G 57/16 (2006.01) B65G 57/24 (2006.01)**
[25] EN
[54] **DOUBLE STACKER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DOUBLE EMPILEMENT**
[72] BERGER, REGIS, CA
[72] BERUBE, SYLVAIN, CA
[72] BOURGAULT, STEPHANE, CA
[72] BOURGOIN, RENAUD, CA
[72] LAPOINTE, ANDRE, CA
[72] LEBEL, DENIS, CA
[72] OUELLET, MICHEL, CA
[72] PARE, MARCO, CA
[72] PLANTE, ROBERT, CA
[72] SAVOIE, JEAN-YVES, CA
[72] SENECHAL, JEAN-FRANCOIS, CA
[71] LES TOURBIERES BERGER LTEE, CA
[22] 2014-01-27
[41] 2015-07-27

[21] **2,842,604**
[13] A1
[51] **Int.Cl. A47G 9/10 (2006.01) A47C 20/00 (2006.01)**
[25] EN
[54] **BODY SUPPORT AND ALIGNMENT PILLOW**
[54] **OREILLER D'ALIGNEMENT ET DE SOUTIEN POUR LE CORPS**
[72] FENTON, COLIN, CA
[71] FENTON, COLIN, CA
[22] 2014-02-13
[41] 2015-07-29
[30] US (14/167,459) 2014-01-29

[21] **2,843,306**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **HARD-MOUNTED EM TELEMETRY SYSTEM FOR MWD TOOL IN BOTTOM HOLE ASSEMBLY**
[54] **SYSTEME DE TELEMETRIE ELECTROMAGNETIQUE FIXE POUR UN OUTIL MWD EN FOND DE TROU**
[72] WEISBECK, DENIS, US
[72] O'CONNOR, RYAN, US
[72] TRAPASSO, GIUSEPPE, US
[72] MACMILLAN, CLAYTON W., US
[72] RODRIGUEZ, ALIARCID F., US
[72] CRNOGORAC, RAJKO, US
[72] PULFER, TROY, US
[72] MALAGARIE, STEVEN P., US
[72] KUNTZ, JONATHAN F., US
[72] KUHLMAN, MICHAEL W., US
[72] FLORES, RUDY C., US
[72] LUDINSKY, MICHAEL V., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2014-02-21
[41] 2015-07-31
[30] US (14/170,363) 2014-01-31

[21] **2,843,572**
[13] A1
[51] **Int.Cl. A61J 17/00 (2006.01) A41D 11/00 (2006.01) A41D 19/01 (2006.01) A41D 20/00 (2006.01)**
[25] EN
[54] **TWO-STAGE TEETHING MITTEN**
[54] **MOUFLE DE DENTITION A DEUX ETAPES**
[72] STEWARD, JULIE, CA
[71] STEWARD, JULIE, CA
[22] 2014-02-25
[41] 2015-07-29
[30] US (61/933,245) 2014-01-29

[21] **2,843,668**
[13] A1
[51] **Int.Cl. H01M 2/04 (2006.01) H01M 10/625 (2014.01) H01M 10/65 (2014.01)**
[25] EN
[54] **FLEXIBLE FOLDING BATTERY COVER**
[54] **COUVERCLE DE BATTERIE PLIANT ET SOUPLE**
[72] KNAPP, RAINER, US
[72] FITZGERALD, GERALD, US
[72] STUCKEY, GRAYDON, US
[72] RASEGAN, TONY, US
[72] BOEHME, AXEL, US
[72] GAYTAN, LUCERO GUZMAN, US
[72] STUCKEY, ERIC, US
[71] CARCOUSTICS TECHCONSULT GMBH, DE
[22] 2014-02-21
[41] 2015-07-31
[30] US (14/169,726) 2014-01-31

[21] **2,843,712**
[13] A1
[51] **Int.Cl. E04B 2/82 (2006.01) E04B 2/74 (2006.01) E04G 23/02 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR RETROFITTING GLASS WALL PANEL SYSTEM WITH GLASS WALL PANEL**
[54] **AGENCEMENT ET PROCEDE DE MODIFICATION D'UN SYSTEME DE PANNEAU MURAL EN VERRE AU MOYEN D'UN PANNEAU MURAL EN VERRE**
[72] KOPISH, ANDREW J., US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2014-02-21
[41] 2015-07-30
[30] US (14/168,542) 2014-01-30

[21] **2,851,300**
[13] A1
[51] **Int.Cl. D06F 60/00 (2009.01) D06F 58/28 (2006.01)**
[25] EN
[54] **DRYER EXHAUST DUCT ALARM**
[54] **ALARME POUR CONDUITE D'EVACUATION DE SECHEUSE**
[72] ASCIOLLA, THOMAS J., US
[72] TERRAZAS, JACK R., US
[71] ASCIOLLA, THOMAS J., US
[71] TERRAZAS, JACK R., US
[22] 2014-05-12
[41] 2015-08-01
[30] US (61/934,713) 2014-02-01

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[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/06 (2006.01) A61K 31/20 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **OXYGENATED OIL OINTMENT**
[54] **ONGUENT A L'HUILE OXYGENEE**
[72] YOUNG, JOHN D., US
[71] YOUNG, JOHN D., US
[22] 2014-05-16
[41] 2015-07-28
[30] US (61/932,555) 2014-01-28

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[21] **2,853,139**
[13] A1
[51] **Int.Cl. B60L 15/00 (2006.01)**
[25] EN
[54] **CONTROLS SYNCHRONIZATION BETWEEN MULTIPLE CONTROL UNITS FOR RESOURCE LOAD SHARING**
[54] **SYNCHRONISATION DE COMMANDES ENTRE DE MULTIPLES UNITES DE COMMANDE POUR LE PARTAGE DE CHARGE DE RESSOURCE**
[72] SOPKO, TYGE ALAN, US
[71] DEERE & COMPANY, US
[22] 2014-05-30
[41] 2015-07-30
[30] US (14/168,925) 2014-01-30

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/40 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COMMERCIAL GAME SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE JEU COMMERCIAL**
[72] WILEN, RICHARD, US
[71] WILOPEN PRODUCTS LC, US
[22] 2014-06-16
[41] 2015-07-27
[30] US (14/165,246) 2014-01-27

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[13] A1
[51] **Int.Cl. F16L 55/10 (2006.01) F16L 41/04 (2006.01) F16L 55/124 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ABANDONING A PIPELINE**
[54] **PROCEDE ET APPAREIL D'ABANDON DE PIPELINE**
[72] DYCK, CLARENCE, CA
[71] DYCK, CLARENCE, CA
[22] 2014-06-26
[41] 2015-07-30
[30] US (61/933,637) 2014-01-30

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[13] A1
[51] **Int.Cl. B63B 1/12 (2006.01) B63B 1/32 (2006.01)**
[25] EN
[54] **PONTOON BOAT WITH HIGH EFFICIENCY SPONSONS**
[54] **BATEAU A PONTON DOTE DE NAGEOIRES STABILISATRICES A HAUTE EFFICACITE**
[72] RAITER, LEON C., US
[72] SAHR, RONALD, US
[71] LARSON BOATS, LLC, US
[22] 2014-07-03
[41] 2015-07-28
[30] US (61/932.442) 2014-01-28
[30] US (14/317.078) 2014-06-27

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H04W 84/18 (2009.01) A45C 11/00 (2006.01) H02J 17/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **SMART POWER AND EMERGENCY CARRYING BAGS AND WALLETS**
[54] **SACS DE TRANSPORT ET PORTEFEUILLES D'URGENCE INTELLIGENTS**
[72] SPENCE, DAVID, CA
[71] SPENCE, DAVID, CA
[22] 2014-07-18
[41] 2015-07-30
[30] CA (2841025) 2014-01-30

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[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01) A47K 3/34 (2006.01) A47K 3/40 (2006.01) E03C 1/22 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **SLIDING SHOWER DOOR GUIDE AND DRAIN ASSEMBLY**
[54] **ENSEMBLE D'EVACUATION ET DE GUIDE PORTE DE DOUCHE COULISSANTE**
[72] AUSTIN, JAMES A., III, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2014-08-15
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[30] US (14/166,006) 2014-01-28

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[51] **Int.Cl. E05D 5/00 (2006.01) A47K 3/36 (2006.01) E05D 7/00 (2006.01) F16B 2/06 (2006.01) F16B 5/06 (2006.01) F16B 12/32 (2006.01)**
[25] EN
[54] **SHOWER DOOR HINGE**
[54] **CHARNIERE DE PORTE DE DOUCHE**
[72] AUSTIN, JAMES A., III, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2014-08-15
[41] 2015-07-28
[30] US (14/166,002) 2014-01-28

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[13] A1
[51] **Int.Cl. A47F 7/00 (2006.01) B65G 1/00 (2006.01)**
[25] EN
[54] **SHOWER DOOR ASSEMBLY DISPLAY**
[54] **PRESENTOIR D'ENSEMBLE DE PORTE DE DOUCHE**
[72] AUSTIN, JAMES A., III, US
[72] KLEIN, MATTHEW, US
[72] BOEHNEN, PATRICK, US
[72] HAWKINS, LAURA, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2014-08-20
[41] 2015-07-29
[30] US (14/167,230) 2014-01-29

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[13] A1
[51] **Int.Cl. B65D 85/48 (2006.01) B65D 81/02 (2006.01)**
[25] EN
[54] **SHOWER DOOR GLASS PANE PACKAGING ASSEMBLY**
[54] **ENSEMBLE D'EMBALLAGE DE PANNEAU DE VERRE DE PORTE DE DOUCHE**
[72] LEMNIOS, CHRISTINE, US
[72] ZHANG, YINGHONG, US
[72] MATHERLY, JEANIE, US
[72] KLEIN, MATTHEW, US
[72] BOEHNEN, PATRICK, US
[72] HAWKINS, LAURA, US
[72] AUSTIN, JAMES ALLEN, III, US
[72] FORREST, EARL DAVID, US
[72] SCHULTZ, NATHANIEL FALTIN DUTTON, US
[72] TORRENCE, JUSTIN TERRELL, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2014-08-27
[41] 2015-07-29
[30] US (14/167,235) 2014-01-29

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[13] A1
[51] **Int.Cl. B65D 33/36 (2006.01) B42D 15/02 (2006.01)**
[25] EN
[54] **GIFT BAG WITH INTEGRAL CANDY DISPENSER**
[54] **SAC CADEAU AVEC DISTRIBUTEUR DE BONBONS INTEGRE**
[72] MILLER, CAROL, US
[72] MAYER, DAVE, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2014-09-05
[41] 2015-07-27
[30] US (61/931,837) 2014-01-27
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[13] A1
[51] **Int.Cl. B07B 1/00 (2006.01)**
[25] EN
[54] **EXTRACTION PROCESS OF CLAY, SILICA AND IRON ORE BY DRY CONCENTRATION**
[54] **PROCEDE D'EXTRACTION D'ARGILE, DE SILICE ET DE MINERAI DE FER PAR CONCENTRATION A SEC**
[72] SIQUEIRA, DENER DE, BR
[72] PEIXOTO, RICARDO ANDRE FIORROTTI, BR
[72] BARROS, JOAO BOSCO DE, BR
[71] GREEN METALS SOLUCOES AMBIENTAIS S.A., BR
[22] 2014-10-06
[41] 2015-07-28
[30] BR (10-2014 002076-4) 2014-01-28

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[13] A1
[51] **Int.Cl. H01L 35/34 (2006.01)**
[25] EN
[54] **METHODS FOR THICK FILM THERMOELETRIC DEVICE FABRICATION**
[54] **METHODE DE FABRICATION D'UN DISPOSITIF THERMOELECTRIQUE A FILM EPAIS**
[72] PETKIE, RONALD, US
[71] BERKEN ENERGY LLC, US
[22] 2014-10-22
[41] 2015-07-31
[30] US (14/170,544) 2014-01-31

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[13] A1
[51] **Int.Cl. A47G 23/04 (2006.01) A47G 19/26 (2006.01) A47J 41/00 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **HOT OR COLD DUAL INSULATING FOOD SERVICE ASSEMBLY**
[54] **ENSEMBLE DE SERVICE D'ALIMENTATION ISOLANT DOUBLE CHAUD OU FROID**
[72] CARROLL, MAUREEN, US
[72] DOCHERTY, MICHAEL E., US
[72] GYOERKOE, BRIAN, US
[72] ENDERLE, ALYSSA, US
[71] MEDPORT LLC, US
[22] 2014-10-27
[41] 2015-07-29
[30] US (14/166,977) 2014-01-29

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[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **SURGICAL APPARATUS**
[54] **APPAREIL CHIRURGICAL**
[72] KOSTRZEWSKI, STANISLAW, US
[72] ARANYI, ERNEST, US
[71] COVIDIEN LP, US
[22] 2014-10-29
[41] 2015-07-28
[30] US (14/166,294) 2014-01-28

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[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **SURGICAL APPARATUS**
[54] **APPAREIL CHIRURGICAL**
[72] KOSTRZEWSKI, STANISLAW, US
[72] ARANYI, ERNEST, US
[71] COVIDIEN LP, US
[22] 2014-10-30
[41] 2015-07-28
[30] US (14/166,366) 2014-01-28

[21] **2,869,074**
[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL PENETRATOR ISOLATION DEVICE**
[54] **DISPOSITIF D'ISOLEMENT D'UN MECANISME PENETRANT UN CONTENANT A PRESSION**
[72] FORD, THOMAS STEVEN, US
[71] THE BOEING COMPANY, US
[22] 2014-10-30
[41] 2015-07-31
[30] US (14/169894) 2014-01-31

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[21] **2,869,349**
[13] A1
[51] **Int.Cl. H01Q 3/34 (2006.01)**
[25] EN
[54] **SIMULTANEOUS NULLING AND BEAMFOCUSING FROM DISPARATE ANTENNAS**
[54] **ANNULATION SIMULTANEE ET MISE AU POINT D'UN FAISCEAU A PARTIR D'ANTENNES DISPARATES**
[72] WITTENBERG, PETER S., US
[72] MICHAL, DEBRA P., US
[71] THE BOEING COMPANY, US
[22] 2014-10-30
[41] 2015-07-29
[30] US (14/167,265) 2014-01-29

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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) B64F 5/00 (2006.01) G06F 19/00 (2011.01) G07C 5/08 (2006.01)**
[25] EN
[54] **METHOD FOR MODELING AIRCRAFT PERFORMANCE THROUGH ADAPTIVE AIRCRAFT PERFORMANCE MODELS**
[54] **PROCEDE POUR MODELISER LA PERFORMANCE D'UN AERONEF PAR L'ENTREMISE DE MODELES DE PERFORMANCE D'AERONEF ADAPTATIFS**
[72] CASADO MAGANA, ENRIQUE JUAN, ES
[71] THE BOEING COMPANY, US
[22] 2014-11-04
[41] 2015-07-30
[30] EP (EP 14382028.0) 2014-01-30

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[13] A1
[51] **Int.Cl. B64F 5/00 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **UNSCHEDULED MAINTENANCE DISRUPTION SEVERITY AND FLIGHT DECISION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE RELATIFS A LA GRAVITE D'UNE PERTURBATION CAUSEE PAR UN ENTRETIEN IMPREVU ET A LA PRISE DE DECISION DE VOL**
[72] KESLER, PAUL, US
[72] ARROW, KEVIN, US
[71] THE BOEING COMPANY, US
[22] 2014-11-06
[41] 2015-07-29
[30] US (14/167,864) 2014-01-29

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[13] A1
[51] **Int.Cl. G09B 23/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR TEACHING GAS PROPERTIES**
[54] **APPAREIL D'ENSEIGNEMENT DES PROPRIETES DES GAZ**
[72] HATCHETTE, PAUL, CA
[71] HATCHETTE, PAUL, CA
[22] 2014-11-14
[41] 2015-07-27

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[21] **2,870,712**
[13] A1
[51] **Int.Cl. B64C 7/00 (2006.01)**
[25] EN
[54] **PRESSURE EQUALIZATION VENT FOR USE IN AN AIRCRAFT ASSEMBLY**
[54] **EVENT D'EGALISATION DE PRESSION POUR UTILISATION DANS UN ENSEMBLE D'AERONEF**
[72] RICHARDSON, MARCUS K., US
[72] TUOHIMAA, CLYDE ROBERT, US
[72] TONKS, MICHAEL JAMES, US
[71] THE BOEING COMPANY, US
[22] 2014-11-10
[41] 2015-07-28
[30] US (14/166,135) 2014-01-28

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[13] A1
[51] **Int.Cl. B64C 3/56 (2006.01) E05B 65/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR LATCHING AND LOCKING A FOLDING WING**
[54] **SYSTEME DE VERROUILLAGE D'AILE PLIANTE**
[72] GOOD, MARK S., US
[72] WALKER, S. PAUL, US
[72] LASSEN, MATTHEW A., US
[72] PIETERSEN, QUENTIN T., US
[71] THE BOEING COMPANY, US
[22] 2014-11-12
[41] 2015-07-27
[30] US (14/165,561) 2014-01-27

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 5/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR COMPRESSING AND STORING DATA BASED ON SPARSE MATRIX**
[54] **PROCEDE ET DISPOSITIF DE COMPRESSION ET DE STOCKAGE DE DONNEES BASE SUR UNE MATRICE CREUSE**
[72] LIU, DAOXIN, CN
[72] HU, HANGHAI, CN
[72] ZHANG, JIAN, CN
[72] XU, XIUMIN, CN
[72] ZHANG, QIWEI, CN
[71] STATE GRID CORPORATION OF CHINA (SGCC), CN
[71] BEIJING CHINA-POWER INFORMATION TECHNOLOGY CO., LTD., CN
[22] 2014-11-18
[41] 2015-07-26
[30] CN (201410037979.X) 2014-01-26

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[13] A1
[51] **Int.Cl. B65F 1/00 (2006.01)**
[25] EN
[54] **SEMI-UNDERGROUND WASTE SYSTEM USING A QUICK REPLACEMENT REINFORCED LINER**
[54] **SYSTEME DE DECHETS SEMI-SOUTERRAIN UTILISANT UN REVETEMENT RENFORCE A REMPLACEMENT RAPIDE**
[72] MELLOUL, BERNARD JEAN JACQUES, CA
[72] BRANDON, BRIAN D., US
[71] DEEP GREEN USA, LLC, US
[22] 2014-11-19
[41] 2015-07-28
[30] US (14/165,689) 2014-01-28

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[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01)**
[25] EN
[54] **TEMPORARY WHEEL SUPPORT FOR SNOWMOBILES**
[54] **SUPPORT DE ROUE TEMPORAIRE POUR MOTONEIGES**
[72] LACOMBE, DANIEL, CA
[71] LACOMBE, DANIEL, CA
[22] 2014-11-24
[41] 2015-07-29
[30] CA (2,840,933) 2014-01-29

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) B64C 27/22 (2006.01) B64C 29/00 (2006.01) B64C 39/10 (2006.01) H02G 1/02 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLE**
[54] **VEHICULE AERIEN SANS PILOTE**
[72] CRIADO, ALFREDO, ES
[72] KAWIECKI, GRZEGORZ M., ES
[72] VALERO, OMAR, ES
[71] THE BOEING COMPANY, US
[22] 2014-11-21
[41] 2015-07-30
[30] EP (EP 14382029.8) 2014-01-30

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[21] **2,872,239**
[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01)**
[25] EN
[54] **COOKING EXHAUST HOOD VENTILATION SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE VENTILATION A HOTTE DE CUISSON ET PROCEDES CONNEXES**
[72] ROBISON, RUSSELL, US
[72] LUKENS, BRUCE, US
[72] BORNTRAGER, MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2014-11-26
[41] 2015-07-28
[30] US (14/166,060) 2014-01-28
[30] US (14/166,529) 2014-01-28

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[21] **2,873,221**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **MOUNTING AN RFID TAG ON A SUPPORT FORMED OF A MATERIAL WHICH BLOCKS OR ATTENUATES RF SIGNALS**
[54] **FIXATION D'UNE ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE SUR UN SUPPORT FORME D'UN MATERIAU QUI BLOQUE OU ATTENUE LES SIGNAUX RF**
[72] TALBOT, BENOIT, CA
[71] LATERAL INNOVATIONS INC., CA
[22] 2014-12-02
[41] 2015-07-30
[30] US (61933569) 2014-01-30

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[13] A1
[51] **Int.Cl. A01D 82/02 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **FINGER DRIVE FOR A CROP FEED ROLLER**
[54] **ENTRAINEMENT A DOIGTS POUR UN ROULEAU D'ALIMENTATION DE RECOLTE**
[72] PATTERSON, ROGER, CA
[72] ENNS, JOHN E., CA
[72] JORDAN, DAVID J., US
[71] MACDON INDUSTRIES LTD., CA
[22] 2014-12-15
[41] 2015-07-30
[30] US (61933388) 2014-01-30

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 50/22 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING HOUSE CALLS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DES APPELS MAISON**
[72] NOFFER, BASTIAN FRIEDRICH, DE
[72] STAPEL, HENDRIK HERMANN ERICH, DE
[72] KAUP, DAVID FABIAN, DE
[72] PETROU, TIMOTHY, CA
[71] 1910852 ONTARIO INC., CA
[22] 2014-12-18
[41] 2015-07-31
[30] US (14/169391) 2014-01-31

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[13] A1
[51] **Int.Cl. B60C 27/06 (2006.01)**
[25] EN
[54] **SNOW CHAIN FOR VEHICLES**
[54] **CHAINE A NEIGE POUR VEHICULES**
[72] KIM, WOO YOUNG, KR
[71] KIM, WOO YOUNG, KR
[22] 2014-12-23
[41] 2015-07-29
[30] KR (10-2014-0011255) 2014-01-29

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[13] A1
[51] **Int.Cl. F41B 5/00 (2006.01) F41B 7/00 (2006.01)**
[25] EN
[54] **PROJECTILE LAUNCHER**
[54] **LANCEUR DE PROJECTILE**
[72] PRIOR, MICHAEL, US
[71] PRIOR, MICHAEL, US
[22] 2015-01-05
[41] 2015-07-27
[30] US (14/165,544) 2014-01-27

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[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) B64F 1/00 (2006.01) B64F 5/00 (2006.01) H01F 38/14 (2006.01) H01Q 7/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MAGNETIC WIRELESS GROUND DATA LINK FOR AIRCRAFT HEALTH MONITORING**
[54] **LIAISON DE DONNEES DE TERRAIN SANS FIL MAGNETIQUE POUR SURVEILLANCE DE L'ETAT D'UN AERONEF**
[72] BAJEKAL, SANJAY, US
[72] LYNCH, MICHAEL ANTONY, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2014-12-22
[41] 2015-07-30
[30] US (14/168,412) 2014-01-30

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[13] A1
[51] **Int.Cl. G01F 11/20 (2006.01) G01F 11/24 (2006.01)**
[25] EN
[54] **METERING DEVICE FOR POWDER AND METHOD FOR METERING POWDER**
[54] **DISPOSITIF DE MESURE DE POUDRE ET METHODE DE MESURE DE POUDRE**
[72] WOLF, ACHIM, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[22] 2015-01-07
[41] 2015-08-01
[30] EP (14 000 375.7) 2014-02-01

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[13] A1
[51] **Int.Cl. G01S 19/48 (2010.01) B64C 39/02 (2006.01) G01C 11/00 (2006.01) G01C 21/00 (2006.01) G01S 17/87 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **MEASURING SYSTEM**
[54] **DISPOSITIF DE MESURE**
[72] OHTOMO, FUMIO, JP
[72] KUMAGAI, KAORU, JP
[72] OSARAGI, KAZUKI, JP
[72] OTANI, HITOSHI, JP
[71] KABUSHIKI KAISHA TOPCON, JP
[22] 2015-01-08
[41] 2015-07-31
[30] JP (JP2014-017618) 2014-01-31

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[13] A1
[51] **Int.Cl. A43C 15/02 (2006.01)**
[25] EN
[54] **ANTI-SLIP MECHANISM FOR FOOTWEAR THEREOF**
[54] **MECANISME ANTIDERAPANT POUR CHAUSSURE**
[72] AUDET, GILBERT, US
[72] AUDET, HUBERT, CA
[72] ROY, JUDITH, CA
[71] CODET INC., CA
[22] 2015-01-09
[41] 2015-07-30
[30] US (61/933,486) 2014-01-30
[30] US (14/593,031) 2015-01-09

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[13] A1
[51] **Int.Cl. B60K 11/02 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **VEHICLE COOLING CIRCUIT**
[54] **CIRCUIT DE REFROIDISSEMENT DE VEHICULE**
[72] PRESETSCHNIK, ANDREAS, AT
[72] HENSE, KLAUS, AT
[71] LIEBHERR-TRANSPORTATION SYSTEMS GMBH & CO. KG, AT
[22] 2015-01-13
[41] 2015-07-27
[30] DE (10 2014 001 022.8) 2014-01-27

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[13] A1
[51] **Int.Cl. A47F 11/06 (2006.01) G06Q 30/02 (2012.01) A47F 3/04 (2006.01) G02F 1/13357 (2006.01) G09F 19/22 (2006.01)**
[25] EN
[54] **DISPLAY CASE DOOR WITH TRANSPARENT LCD PANEL**
[54] **PORTE DE PRESENTOIR EQUIPEE D'UN PANNEAU ACL TRANSPARENT**
[72] ARTWOHL, PAUL J., US
[72] NICHOLSON, JEFFERY W., US
[72] SANDNES, MARK, US
[71] ANTHONY, INC., US
[22] 2015-01-13
[41] 2015-07-31
[30] US (14/170,378) 2014-01-31

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[13] A1
[51] **Int.Cl. A47B 77/00 (2006.01) A47J 47/00 (2006.01) A47L 13/52 (2006.01) F24C 15/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PREVENTING DEBRIS FROM FALLING THROUGH A GAP**
[54] **DISPOSITIF ET PROCEDE EMPECHANT DES DEBRIS DE TOMBER DANS UN INTERSTICE**
[72] COCA, FLORIN, CA
[71] COCA, FLORIN, CA
[22] 2015-01-13
[41] 2015-07-28
[30] US (14/165748) 2014-01-28

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[13] A1
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING COMMON MODE CHOKE ASSEMBLY AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE DE RESSOURCES D'HYDROCARBURE COMPORTANT UN ENSEMBLE D'ETRANGLEMENT EN MODE COMMUN ET PROCEDES CONNEXES**
[72] WRIGHT, BRIAN, US
[72] HEWIT, RAYMOND, US
[72] HANN, MURRAY, US
[72] HIBNER, VERLIN, US
[72] TRAUTMAN, MARK, US
[72] WHITE, JOHN EMORY, US
[71] HARRIS CORPORATION, US
[22] 2015-01-14
[41] 2015-07-29
[30] US (14/167,039) 2014-01-29

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[13] A1
[51] **Int.Cl. H04B 1/04 (2006.01) H04W 16/26 (2009.01) H04W 52/52 (2009.01) H04B 1/40 (2015.01) H04B 7/15 (2006.01)**
[25] EN
[54] **CONFIGURING SIGNAL BOOSTERS**
[54] **CONFIGURATION D'AMPLIFICATEURS DE SIGNAUX**
[72] VAN BUREN, VERNON A., US
[72] ASHWORTH, CHRISTOPHER K., US
[72] CLARK, JAMES COLIN, US
[71] WILSON ELECTRONICS, LLC, US
[22] 2015-01-14
[41] 2015-07-28
[30] US (14/166,246) 2014-01-28

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[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINTS WITH UNDERSIDE CATCHES**
[54] **AMARRES DE VEHICULES AVEC PRISES DE FACE INFERIEURE**
[72] BROOKS, ANDREW, US
[72] WIEBERDINK, BEN, US
[72] NELSON, KYLE, US
[72] HAHN, NORBERT, US
[71] RITE-HITE HOLDING CORPORATION, US
[22] 2015-01-15
[41] 2015-07-29
[30] US (14/167,721) 2014-01-29

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[13] A1
[51] **Int.Cl. F24F 11/053 (2006.01) F24F 13/08 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BALANCING AN HVAC SYSTEM**
[54] **SYSTEMES ET METHODES D'EQUILIBRAGE D'UN SYSTEME CVCA**
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-01-19
[41] 2015-07-31
[30] US (14/169,637) 2014-01-31

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[13] A1
[51] **Int.Cl. G08B 17/103 (2006.01) G08B 29/18 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR SELF-TESTING OPTICAL FIRE DETECTORS**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR ESSAI AUTOMATIQUE DE DETECTEURS OPTIQUES DE FEU**
[72] BELL, KEN, US
[72] THEBERT, ROBERT, US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2015-01-16
[41] 2015-07-27
[30] US (14/164,409) 2014-01-27

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[21] **2,878,304**
[13] A1
[51] **Int.Cl. B41J 2/01 (2006.01) B41M 5/025 (2006.01)**
[25] EN
[54] **AQUEOUS INK JET BLANKET**
[54] **BLANCHET POUR JET D'ENCRE AQUEUSE**
[72] KELLY, MATTHEW MICHAEL, US
[72] METTU, SRINIVAS, US
[72] CONDELLO, ANTHONY SALVATORE, US
[72] BADESHA, SANTOKH S., US
[72] KANUNGO, MANDAKINI, US
[72] GERVASI, DAVID JOSEPH, US
[72] LIU, CHU-HENG, US
[72] MCGRATH, RACHAEL L., US
[71] XEROX CORPORATION, US
[22] 2015-01-15
[41] 2015-07-28
[30] US (14/165899) 2014-01-28

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[21] **2,878,575**
[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) H04W 4/12 (2009.01) H04W 80/00 (2009.01) G05B 23/02 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **HOME AUTOMATION SYSTEM**
[54] **SYSTEME DE DOMOTIQUE**
[72] LEE, ALBERT, US
[72] TYROLER, DAN, US
[72] CHEN, HONG-JYH, US
[72] YUK, HOWARD, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-01-20
[41] 2015-07-28
[30] US (14/166,077) 2014-01-28

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[21] **2,878,581**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 4/12 (2009.01) B64D 47/00 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO VIEW, VERIFY, AND SEND DATA DATALINK DOWNLINK MESSAGING**
[54] **SYSTEME ET PROCEDE POUR VISUALISATION, VERIFICATION ET ENVOI POUR MESSAGERIE DE DONNEES ET DE LIAISON DE DONNEES AIR-SOL**
[72] JUDY, VICTORIA, US
[72] PEPITONE, DAVID, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-01-20
[41] 2015-07-30
[30] US (14/168,686) 2014-01-30

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[21] **2,878,602**
[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) H04L 1/24 (2006.01)**
[25] EN
[54] **IMPROVED METHOD FOR MANAGEMENT OF AIR TRAFFIC CONTROL CENTER DATABASE USED FOR AIR TRAFFIC CONTROL CENTER LOGON**
[54] **PROCEDE AMELIORE DE GESTION D'UNE BASE DE DONNEES DE CENTRE DE CONTROLE DE LA CIRCULATION AERIENNE POUR OUVERTURE DE SESSION DE CENTRE DE CONTROLE DE LA CIRCULATION AERIENNE**
[72] AXTELL, CRAIG DEON, US
[72] JUDD, THOMAS D., US
[72] DIAMANT, RONALD ALAN, US
[72] MADARAS, SCOTT, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-01-20
[41] 2015-07-29
[30] US (61/933,082) 2014-01-29
[30] US (14/249,593) 2014-04-10

[21] **2,878,606**
[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) B64D 11/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPLAYING A DATALINK MESSAGE LOG ON A FORWARD FIELD-OF-VIEW DISPLAY**
[54] **SYSTEMES ET PROCEDES POUR AFFICHER UN JOURNAL DE MESSAGES DE LIAISON DE DONNEES SUR UN AFFICHAGE A CHAMP DE VISION AVANT**
[72] RODNEY, TIMOTHY LEE, US
[72] JUDY, VICTORIA, US
[72] SCHEU, STEVEN SCOTT, US
[72] MANNON, PAMELA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-01-20
[41] 2015-07-30
[30] US (61/933,472) 2014-01-30
[30] US (14/336,933) 2014-07-21

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[21] **2,878,662**
[13] A1
[51] **Int.Cl. H04L 29/12 (2006.01)**
[25] EN
[54] **METHOD FOR WAKING UP A DISTANT DEVICE FROM A LOCAL DEVICE**
[54] **PROCEDE DE REVEIL D'UN DISPOSITIF DISTANT A PARTIR D'UN DISPOSITIF LOCAL**
[72] GUICHARD, FLORENT, FR
[72] GREGOIRE, CHRISTIAN, FR
[72] THEBAUD, JACQUES, FR
[71] SERCEL, FR
[22] 2015-01-15
[41] 2015-07-29
[30] EP (14305116.7) 2014-01-29

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[21] **2,878,816**
[13] A1
[51] **Int.Cl. B65G 15/32 (2006.01)**
[25] EN
[54] **CONVEYOR BELT**
[54] **CONVOYEUR A BANDE**
[72] SI, MAYU, US
[72] YANG, HENG-HUEY, US
[72] SILVA, WATUDURA PRABODHA UPUL, AU
[72] STOCKDALE, MICHAEL K., AU
[72] BURROWES, THOMAS GEORGE, AU
[71] VEYANCE TECHNOLOGIES, INC., US
[22] 2015-01-21
[41] 2015-07-31
[30] US (61/934569) 2014-01-31

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[21] **2,879,031**
[13] A1
[51] **Int.Cl. A47L 15/42 (2006.01) A47L 15/48 (2006.01)**
[25] EN
[54] **DISHWASHER APPLIANCE HAVING ENERGY RECOVERY FEATURES**
[54] **LAVE-VAISSELLE OFFRANT DES FONCTIONNALITES DE RECUPERATION D'ENERGIE**
[72] KUMAR, SHREE, IN
[72] TARR, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-01-22
[41] 2015-07-31
[30] US (14/169,244) 2014-01-31

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[21] **2,879,033**
[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01) G01V 3/38 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR DETERMINING RESIDUAL STATIC CORRECTIONS USING INDIVIDUAL RANGES**
[54] **PROCEDES ET APPAREIL DE DETERMINATION DE CORRECTIONS STATIQUES RESIDUELLES A L'AIDE DE PLAGES INDIVIDUELLES**
[72] POULAIN, GUILLAUME, FR
[71] CGG SERVICES SA, FR
[22] 2015-01-22
[41] 2015-07-28
[30] US (61/932,273) 2014-01-28

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[21] **2,879,036**
[13] A1
[51] **Int.Cl. E04D 1/22 (2006.01) B32B 11/00 (2006.01) E04D 5/08 (2006.01)**
[25] EN
[54] **ROOFING MATERIAL**
[54] **MATERIAU DE COUVERTURE**
[72] KIIK, MATTI, US
[72] BRYSON, MICHAEL L., US
[72] WILSON, PAUL G., US
[72] BEERER, MARGIE A., US
[72] LEITCH, OLAN, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2015-01-22
[41] 2015-07-27
[30] US (61/931,828) 2014-01-27

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[21] **2,879,038**
[13] A1
[51] **Int.Cl. F04B 53/14 (2006.01) F04B 53/18 (2006.01)**
[25] EN
[54] **PISTON ROD FOR A PISTON COMPRESSOR, AND THE PISTON COMPRESSOR**
[54] **TIGE DE PISTON POUR UN COMPRESSEUR A PISTON ET COMPRESSEUR A PISTON**
[72] HOFF, KLAUS HUBERT, DE
[71] NEUMAN & ESSER GMBH & CO. KG, DE
[22] 2015-01-21
[41] 2015-07-28
[30] DE (10 2014 201 473.5) 2014-01-28

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[21] **2,879,041**
[13] A1
[51] **Int.Cl. A61B 5/044 (2006.01) A61B 5/0402 (2006.01) A61B 5/042 (2006.01) A61B 5/053 (2006.01) A61B 18/14 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **NEW APPLICATION REQUEST IN PROGRESS**
[54] **NOUVELLE DEMANDE D'APPLICATION EN COURS**
[72] MASSARWA, FADY, IL
[72] ZOABI, AKRAM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2015-01-21
[41] 2015-07-30
[30] US (14/168,291) 2014-01-30

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[21] **2,879,118**
[13] A1
[51] **Int.Cl. C01B 13/02 (2006.01) C01B 13/08 (2006.01)**
[25] EN
[54] **SOLID-STATE MEMBRANE MODULE**
[54] **MODULE A MEMBRANE A SEMI-CONDUCTEURS**
[72] HINKLIN, THOMAS RAY, US
[72] LEWINSOHN, CHARLES ARTHUR, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2015-01-21
[41] 2015-07-28
[30] US (14/166,438) 2014-01-28

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[21] **2,879,140**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **JUNK BASKET AND RELATED COMBINATIONS AND METHODS**
[54] **PANIER DE DECHETS ET COMBINAISONS ET PROCEDES CONNEXES**
[72] HOLTBY, QUINN A. J., CA
[72] GREENWOOD, DALLAS, CA
[71] KATCH KAN HOLDINGS LTD., CA
[22] 2015-01-21
[41] 2015-07-29
[30] US (61/932,897) 2014-01-29

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[21] **2,879,147**
[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR STRIPPING SOLIDS AND FLUIDS FROM A STRING USED IN DRILLING OR SERVICING WELLS**
[54] **APPAREIL ET PROCEDE D'ELIMINATION DE SOLIDES ET DE FLUIDES D'UN TRAIN DE TIGES UTILISE POUR FORER OU ENTRETENIR DES PUITS**
[72] HOLTBY, QUINN A. J., CA
[72] GREENWOOD, DALLAS, CA
[71] KATCH KAN HOLDINGS LTD., CA
[22] 2015-01-21
[41] 2015-07-27
[30] US (61/931,794) 2014-01-27

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[21] **2,879,177**
[13] A1
[51] **Int.Cl. B41J 2/01 (2006.01) B41M 5/025 (2006.01)**
[25] EN
[54] **AQUEOUS INK JET BLANKET**
[54] **BLANCHET POUR JET D'ENCRE AQUEUSE**
[72] KELLY, MATTHEW MICHAEL, US
[72] METTU, SRINIVAS, US
[72] CONDELLO, ANTHONY SALVATORE, US
[72] BADESHA, SANTOKH S., US
[72] KANUNGO, MANDAKINI, US
[72] GERVASI, DAVID JOSEPH, US
[72] LIU, CHU-HENG, US
[71] XEROX CORPORATION, US
[22] 2015-01-15
[41] 2015-07-28
[30] US (14/165897) 2014-01-28

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[21] **2,879,572**
[13] A1
[51] **Int.Cl. B65H 35/07 (2006.01) B65B 61/14 (2006.01) B65H 37/00 (2006.01)**
[25] EN
[54] **A HAND-HELD HANDLE DISPENSER**
[54] **DISTRIBUTEUR DE POIGNEE PORTATIF**
[72] LE RIGOLEUR, YANN, FR
[71] NEOPOST TECHNOLOGIES, FR
[22] 2015-01-23
[41] 2015-07-31
[30] EP (14 290 016.6) 2014-01-31

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[21] **2,879,576**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G06T 17/05 (2011.01) E21B 43/00 (2006.01) G06T 17/20 (2006.01)**
[25] FR
[54] **CONSTRUCTION METHOD FOR A SOLID MESH FOR MODELING GEOLOGICAL STRUCTURES**
[54] **PROCEDE DE CONSTRUCTION D'UN MAILLAGE VOLUMIQUE POUR LA MODELISATION DE STRUCTURES GEOLOGIQUES**
[72] BOROUCHAKI, HOUMAN, FR
[72] LECOMTE, JEAN-FRANCOIS, FR
[72] DANIEL, JEAN-MARC, FR
[72] DELAGE, CHRISTOPHE, FR
[72] BENNIS, CHAKIB, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2015-01-23
[41] 2015-07-28
[30] FR (14 50 670) 2014-01-28

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[21] **2,879,588**
[13] A1
[51] **Int.Cl. F16L 55/10 (2006.01) F16L 41/04 (2006.01) F16L 55/124 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ABANDONING OR ISOLATING AN UNDERGROUND PIPELINE**
[54] **PROCEDE ET APPAREIL D'ABANDON OU D'ISOLATION D'UN PIPELINE SOUTERRAIN**
[72] DYCK, CLARENCE, CA
[71] DYCK, CLARENCE, CA
[22] 2015-01-26
[41] 2015-07-30
[30] US (61/933,637) 2014-01-30
[30] CA (2,855,381) 2014-06-26

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[21] **2,879,598**
[13] A1
[51] **Int.Cl. H04N 5/74 (2006.01) H04N 5/351 (2011.01) H04N 9/31 (2006.01)**
[25] EN
[54] **PERIODIC FRINGE IMAGING WITH STRUCTURED PATTERN ILLUMINATION AND ELECTRONIC ROLLING SHUTTER DETECTION**
[54] **IMAGERIE DE FRANGE PERIODIQUE AVEC ECLAIRAGE DE MOTIF STRUCTURE ET DETECTION DE ROULEMENT D'OBTURATEUR ELECTRONIQUE**
[72] MULLER, MATTHEW S., CA
[71] MULLER, MATTHEW S., CA
[22] 2015-01-26
[41] 2015-07-26
[30] US (61931643) 2014-01-26

[21] **2,879,605**
[13] A1
[51] **Int.Cl. C01G 29/00 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C01F 17/00 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF CORE/SHELL TYPE NANOPARTICLES, METHOD OF PRODUCTION OF SINTERED BODY USING THAT METHOD, AND THERMOELECTRIC CONVERSION MATERIAL PRODUCED BY THAT METHOD**
[54] **METHODE DE PRODUCTION DE NANOPARTICULES DE TYPE COEUR/ENVELOPPE, METHODE DE PRODUCTION D'UN CORPS FRITTE A L'AIDE DE LADITE METHODE ET MATERIAU DE CONVERSION THERMOELECTRIQUE PRODUIT PAR LADITE METHODE**
[72] WATANABE, MASAO, JP
[72] ISHIKIRIYAMA, MAMORU, JP
[72] KINOSHITA, YOUHEI, JP
[72] SAITO, NAGAHIRO, JP
[72] SUDARE, TOMOHITO, JP
[72] KODAMA, TOMOKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[22] 2015-01-27
[41] 2015-07-31
[30] JP (2014-017569) 2014-01-31

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[21] **2,879,609**
[13] A1
[51] **Int.Cl. B67D 7/78 (2010.01) B67D 7/00 (2010.01) B65G 51/00 (2006.01)**
[25] EN
[54] **REFILLABLE MATERIAL TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE MATERIAUX RECHARGEABLE**
[72] THIBODEAU, ROBERT D., US
[72] WILLIAMS, ERIC A., US
[72] LEVENSTEIN, LAWRENCE M., US
[71] C. H. & I. TECHNOLOGIES, INC., US
[22] 2015-01-26
[41] 2015-07-29
[30] US (14/167,882) 2014-01-29

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[21] **2,879,713**
[13] A1
[51] **Int.Cl. C23C 24/04 (2006.01) B05D 1/24 (2006.01)**
[25] EN
[54] **METHOD FOR APPLYING A COATING TO A SUBSTRATE**
[54] **METHODE D'APPLICATION D'UN REVETEMENT SUR UN SUBSTRAT**
[72] VERRIER, PIERRE, CA
[72] IRISSOU, ERIC, CA
[72] BELVAL, FREDERIC, CA
[72] LEGOUX, JEAN-GABRIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-01-22
[41] 2015-07-31
[30] US (14/159,571) 2014-01-31

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[21] **2,879,885**
[13] A1
[51] **Int.Cl. B65D 85/67 (2006.01) A61G 13/00 (2006.01) A61G 13/10 (2006.01) B65H 18/28 (2006.01) B65H 75/02 (2006.01) G09F 23/10 (2006.01)**
[25] EN
[54] **MEDICAL EXAMINATION PAPER ROLL**
[54] **ROULEAU POUR PAPIER D'EXAMEN MEDICAL**
[72] KOHN, STEVE, US
[71] KOHN, STEVE, US
[22] 2015-01-27
[41] 2015-07-27
[30] US (61/965,322) 2014-01-27

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[21] **2,879,892**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **COOLING SYSTEM AND METHOD FOR SUPPLYING A COOLING GAS FLOW**
[54] **SYSTEME DE REFROIDISSEMENT ET METHODE DE FOURNITURE D'UN FLUX DE GAZ DE REFROIDISSEMENT**
[72] ALECU, DANIEL, CA
[72] ELEFTHERIOU, ANDREAS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-01-26
[41] 2015-07-31
[30] US (14/169,354) 2014-01-31

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[13] A1
[51] **Int.Cl. H01T 13/16 (2006.01) F02C 7/22 (2006.01) F02C 7/264 (2006.01) F23Q 3/00 (2006.01) F23R 3/00 (2006.01) H01T 13/24 (2006.01)**
[25] EN
[54] **COMBUSTOR IGNITER ASSEMBLY**
[54] **ENSEMBLE ALLUMEUR A CHAMBRE DE COMBUSTION**
[72] SZE, ROBERT, CA
[72] MCCALDON, KIAN, CA
[72] STASTNY, HONZA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-01-26
[41] 2015-07-28
[30] US (14/165,991) 2014-01-28

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[21] **2,879,923**
[13] A1
[51] **Int.Cl. F04D 29/30 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **SHROUD TREATMENT FOR A CENTRIFUGAL COMPRESSOR**
[54] **TRAITEMENT DE CARENAGE POUR COMPRESSEUR CENTRIFUGE**
[72] DUONG, HIEN, CA
[72] KANDASAMY, VIJAY, IN
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-01-26
[41] 2015-07-27
[30] US (14/164,494) 2014-01-27

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[21] **2,879,928**
[13] A1
[51] **Int.Cl. B23C 5/02 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CORRESPONDING ASSEMBLY**
[54] **OUTIL DE COUPE ET ENSEMBLE CORRESPONDANT**
[72] ATABEY, FUAT, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-01-26
[41] 2015-07-29
[30] US (14/167,302) 2014-01-29

[21] **2,879,932**
[13] A1
[51] **Int.Cl. G02B 6/12 (2006.01) B81B 7/04 (2006.01) G02B 1/00 (2006.01) G02B 5/20 (2006.01) G02F 1/017 (2006.01)**
[25] EN
[54] **PHOTONIC APPARATUS WITH PERIODIC STRUCTURES**
[54] **APPAREIL PHOTONIQUE AVEC STRUCTURES PERIODIQUES**
[72] CHEN, SHU-LU, TW
[72] NA, YUN-CHUNG, TW
[71] FORELUX INC., TW
[22] 2015-01-26
[41] 2015-07-27
[30] US (61/932,232) 2014-01-27
[30] US (61/946,799) 2014-03-02
[30] US (62/063,426) 2014-10-14
[30] US (62/079,498) 2014-11-13
[30] US (62/086,727) 2014-12-03
[30] US (14/601,737) 2015-01-21

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[21] **2,879,937**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/42 (2006.01)**
[25] EN
[54] **SINGULARITY SPECTRUM ANALYSIS OF MICROSEISMIC DATA**
[54] **ANALYSE SPECTRALE SINGULIERE DE DONNEES MICROSISMIQUES**
[72] WILLIAMS, MICHAEL JOHN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2015-01-26
[41] 2015-07-30
[30] US (61/933,404) 2014-01-30
[30] US (14/323,468) 2014-07-03

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[21] **2,880,049**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **FLUID RELEASE MECHANISM FOR A CHEMICALLY-INFLATABLE BAG**
[54] **MECANISME DE LIBERATION DE FLUIDE POUR UN SAC POUVANT ETRE GONFLE CHIMIQUEMENT**
[72] JENKINS, THOMAS S., US
[71] STEMLOCK, INCORPORATED, US
[22] 2015-01-26
[41] 2015-07-28
[30] US (14/166,074) 2014-01-28

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[21] **2,880,050**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **GENERATION OF ISOTHERM DATASETS FOR RESERVOIR VOLUMETRIC ESTIMATION**
[54] **GENERATION D'ENSEMBLES DE DONNEES ISOTHERMES POUR ESTIMATION VOLUMETRIQUE DE RESERVOIR**
[72] DIAZ CAMPOS, MERY, US
[72] KADAYAM VISWANATHAN, RAVINATH KAUSIK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2015-01-26
[41] 2015-07-27
[30] US (61/932,188) 2014-01-27
[30] US (14/328,374) 2014-07-10

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[21] **2,880,051**
[13] A1
[51] **Int.Cl. F24F 11/08 (2006.01) F24F 3/00 (2006.01)**
[25] EN
[54] **ECONOMIZER TARGET TEMPERATURE SHIFT DURING MECHANICAL COOLING**
[54] **CHANGEMENT DE TEMPERATURE CIBLE D'ECONOMISEUR DURANT LE REFROIDISSEMENT MECANIQUE**
[72] THOMAS, HERMAN MARCUS, US
[72] TROXELL, MARCUS W., US
[72] WALTER, STEPHEN A., US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-01-26
[41] 2015-07-27
[30] US (14/165,069) 2014-01-27

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[21] **2,880,057**
[13] A1
[51] **Int.Cl. H04N 17/04 (2006.01) H04B 17/20 (2015.01) H04B 1/18 (2006.01)**
[25] EN
[54] **VIDEO SIGNAL TERMINATION DETECTION CIRCUIT**
[54] **CIRCUIT DE DETECTION DE LA FIN D'UN SIGNAL VIDEO**
[72] BARTHOLOMEW, JOHN C., US
[72] EVANS, NATHAN D., US
[72] SWENSON, JAMES W., US
[71] ROSEMOUNT AEROSPACE, INC., US
[22] 2015-01-23
[41] 2015-07-31
[30] US (61/934,197) 2014-01-31
[30] US (14/172,001) 2014-02-04

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[21] **2,880,076**
[13] A1
[51] **Int.Cl. G09G 3/22 (2006.01) E03C 1/04 (2006.01) G09G 3/32 (2006.01)**
[25] EN
[54] **COLOR CHANGING BACKLIGHT FOR FLUID DELIVERY DEVICES DISPLAYING TEMPERAT URE**
[54] **RETROECLAIRAGE A CHANGEMENT DE COULEUR POUR DISPOSITIFS DE DISTRIBUTION DE FLUIDE AFFICHANT LA TEMPERATURE**
[72] SCHNEIDER, RANDY, US
[72] COLLEVECHIO, SCOTT, US
[71] MASCO CORPORATION OF INDIANA, US
[22] 2015-01-27
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[30] US (61/934,371) 2014-01-31

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[51] **Int.Cl. F21V 31/00 (2006.01) F21V 7/00 (2006.01) F21V 9/00 (2015.01)**
[25] EN
[54] **PATH LIGHT AND UNITARY GASKET-REFLECTOR**
[54] **ECLAIRAGE DE TRAJET ET REFLECTEUR A JOINT STATIQUE MONOBLOC**
[72] SCHMAUDER, CHRISTOPHER ROBERT, US
[72] ANDRISIN, JOHN J., III, US
[71] THE L.D. KICHLER CO., US
[22] 2015-01-27
[41] 2015-07-28
[30] US (61/932,313) 2014-01-28

[21] **2,880,115**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **THERMAL REGULATING WELL COMPLETION DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE COMPLETION DE PUITS A REGULATION THERMIQUE**
[72] BOYLE, BRUCE, US
[72] MANI, SAIKUMAR, US
[72] VERZWYVELT, DAVID, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2015-01-27
[41] 2015-07-29
[30] US (14/167,564) 2014-01-29

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 10/10 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **DETECTING UNINTENDED RECIPIENTS OF ELECTRONIC COMMUNICATIONS**
[54] **DETECTION DES DESTINATAIRES NON INTENTIONNELS DE COMMUNICATIONS ELECTRONIQUES**
[72] RACKLIFFE, JUSTIN, US
[71] FMR LLC, US
[22] 2015-01-27
[41] 2015-07-28
[30] US (14/166,055) 2014-01-28

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[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) A63F 13/30 (2014.01) A63F 13/80 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NETWORKED BINGO**
[54] **SYSTEMES ET METHODES RELATIFS AU JEU DE BINGO EN RESEAU**
[72] PETERS, LESLIE CRAIG, ZA
[72] REYNOLDS, DAVID MICHAEL, IM
[72] MEEK, EDWARD ALAN, ZA
[71] PRIDEFIELD LIMITED, IM
[22] 2015-01-27
[41] 2015-07-31
[30] GB (1401686.9) 2014-01-31

[21] **2,880,126**
[13] A1
[51] **Int.Cl. H04R 3/04 (2006.01) H04R 3/12 (2006.01) H04S 3/02 (2006.01)**
[25] EN
[54] **IMPROVING AT LEAST ONE OF INTELLIGIBILITY OR LOUDNESS OF AN AUDIO PROGRAM**
[54] **AMELIORATION D'AU MOINS L'INTELLIGIBILITE OU LA SONIE D'UN PROGRAMME DE RADIODIFFUSION SONORE**
[72] CARROLL, TIMOTHY J., US
[71] THE TELOS ALLIANCE, US
[22] 2015-01-27
[41] 2015-07-29
[30] US (14/167,479) 2014-01-29

[21] **2,880,129**
[13] A1
[51] **Int.Cl. H02G 7/05 (2006.01) H01T 19/02 (2006.01)**
[25] EN
[54] **TRANSMISSION LINE MEASURING DEVICE AND METHOD FOR CONNECTIVITY**
[54] **DISPOSITIF DE MESURE DE LIGNE DE TRANSMISSION ET PROCEDE DE CONNECTIVITE**
[72] CHAPUT, IVANHOE P., US
[72] CRUTCHER, BERNARD C., US
[71] HUBBELL INCORPORATED, US
[22] 2015-01-27
[41] 2015-07-28
[30] US (61/932,294) 2014-01-28

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[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 9/04 (2006.01)**
[25] EN
[54] **REMOVAL OF SELENIUM FROM COAL MINING RUNOFF WATER**
[54] **EXTRACTION DU SELENIUM DE L'EAU RESIDUELLE ISSUE DE L'EXPLOITATION CHARBONNIERE**
[72] SANTINA, PETER F., US
[71] SANTINA, PETER F., US
[22] 2015-01-27
[41] 2015-07-31
[30] US (14/170,472) 2014-01-31

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[13] A1
[51] **Int.Cl. B23P 19/027 (2006.01)**
[25] EN
[54] **OFFSET PRESS FOR REMOVING WHEEL STUDS**
[54] **PRESSE DECALEE POUR RETRAIT DE GOUJONS DE FIXATION DE ROUE**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[22] 2015-01-27
[41] 2015-07-28
[30] US (61/932,644) 2014-01-28
[30] US (14/605,321) 2015-01-26

[21] **2,880,206**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATED SELECTION OF TARGETED PRIZES**
[54] **PROCEDE ET SYSTEME POUR SELECTION AUTOMATIQUE DE PRIX CIBLES**
[72] SKOLER, FREDERICK W., US
[71] SEARS BRANDS, LLC, US
[22] 2015-01-27
[41] 2015-07-28
[30] US (14/166,064) 2014-01-28

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[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01) A01G 9/16 (2006.01) A01G 9/24 (2006.01) B65G 37/00 (2006.01)**
[25] EN
[54] **PLANT-GROWING APPARATUS HAVING ROTATABLE MODULES**
[54] **APPAREIL POUR CULTURE DE VEGETAUX COMPORTANT DES MODULES ROTATIFS**
[72] MARCHILDON, EDWARD J., CA
[71] MARCHILDON, EDWARD J., CA
[71] STOREY, ELIZABETH A., CA
[22] 2015-01-27
[41] 2015-07-28
[30] US (61/932,630) 2014-01-28

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[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/042 (2006.01) A61B 5/0432 (2006.01) A61B 5/0452 (2006.01)**
[25] EN
[54] **DOUBLE BIPOLAR CONFIGURATION FOR ATRIAL FIBRILLATION ANNOTATION**
[54] **CONFIGURATION BIPOLAIRE DOUBLE POUR ANNOTATION DE FIBRILLATION AURICULAIRE**
[72] BAR-TAL, MEIR, IL
[72] HOUBEN, RICHARD P. M., BE
[72] BEN ZRIHAM, YANIV, IL
[72] PRESSMAN, ASSAF, IL
[72] URMAN, ROY, IL
[72] AUERBACH, SHMUEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2015-01-26
[41] 2015-07-29
[30] US (61/932,877) 2014-01-29
[30] US (14/585,828) 2014-12-30

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[13] A1
[51] **Int.Cl. A61B 5/0452 (2006.01) A61B 5/042 (2006.01) A61B 5/0432 (2006.01)**
[25] EN
[54] **HYBRID BIPOLAR/UNIPOLAR DETECTION OF ACTIVATION WAVEFRONT**
[54] **DETECTION BIPOLAIRE/UNIPOLAIRE HYBRIDE DE FRONT D'ONDES D'ACTIVATION**
[72] HOUBEN, RICHARD P. M., BE
[72] BAR-TAL, MEIR, IL
[72] BOTZER, LIOR, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2015-01-26
[41] 2015-07-29
[30] US (14/166,982) 2014-01-29

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[13] A1
[51] **Int.Cl. E04D 3/40 (2006.01) E04B 7/00 (2006.01) E04D 3/16 (2006.01)**
[25] EN
[54] **MODULAR ROOF PANEL WITH INTEGRATED DRAINAGE SYSTEM**
[54] **PANNEAU DE TOIT MODULAIRE DOTE D'UN SYSTEME D'EVACUATION INTEGRE**
[72] RASMUSSEN, CRAIG SCOTT, US
[72] WILKINSON, DONALD MARK, US
[72] SPETOSKEY, MARC RICHARD, US
[72] BREDEWEG, MARK ALLEN, US
[72] KOOYER, NICK, US
[72] ARMOCK, MARK, US
[72] WALBRIDGE, BRAD, US
[72] HARMS, AUSTIN, US
[71] QUALITY EDGE, INC., US
[22] 2015-01-28
[41] 2015-07-31
[30] US (61/934.277) 2014-01-31
[30] US (62/008.774) 2014-06-06
[30] US (62/040.752) 2014-08-22
[30] US (14/605.159) 2015-01-26

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[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTIMIZING ASSET ALLOCATION IN A COGNITIVE RADIO CONFIGURATION**
[54] **METHODE ET SYSTEME D'OPTIMISATION D'ATTRIBUTION D'ACTIF DANS UNE CONFIGURATION RADIO COGNITIVE**
[72] ZARIBAFIYAN, ARMAN, CA
[72] OBEROI, JASPREET, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
[22] 2015-01-28
[41] 2015-07-31
[30] US (61/934,049) 2014-01-31

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[21] **2,880,319**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **COMPONENTS WITH COMPOUND ANGLED COOLING FEATURES AND METHODS OF MANUFACTURE**
[54] **COMPOSANTS A ELEMENTS DE REFROIDISSEMENT ANGULAIRES COMPOSES ET PROCEDES DE FABRICATION**
[72] BARR, BRIAN CHANDLER, US
[72] CLARETTI, ROBERTO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-01-29
[41] 2015-07-30
[30] US (14/168,176) 2014-01-30

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[13] A1
[51] **Int.Cl. C11D 13/30 (2006.01) A47K 5/08 (2006.01) C11D 13/16 (2006.01)**
[25] EN
[54] **SOAP RECYCLING DEVICE AND METHOD OF OPERATION**
[54] **DISPOSITIF DE RECYCLAGE DE SAVON ET METHODE DE MISE EN PLACE**
[72] MCCLENDON, FREDERICK, US
[71] MCCLENDON, FREDERICK, US
[22] 2015-01-29
[41] 2015-07-31
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[13] A1
[51] **Int.Cl. B62D 55/20 (2006.01)**
[25] EN
[54] **TRACTION CHAIN FOR A CATERPILLAR CHAIN OF A TRACKED VEHICLE, AND KIT FOR A CATERPILLAR CHAIN**
[54] **CHAINE DE TRACTION POUR CHENILLE DE VEHICULE CHENILLE ET NECESSAIRE POUR CHENILLE**
[72] HALL, HANS, DE
[71] HANS HALL GMBH, DE
[22] 2015-01-28
[41] 2015-07-29
[30] DE (10 2014 001 006.6) 2014-01-29

[21] **2,880,363**
[13] A1
[51] **Int.Cl. F24F 9/00 (2006.01) F24F 13/08 (2006.01)**
[25] EN
[54] **AIR-CURTAIN DEVICE**
[54] **DISPOSITIF DE RIDEAU D'AIR**
[72] PRICE, MIKE, GB
[71] THERMOSCREENS LIMITED, GB
[22] 2015-01-29
[41] 2015-07-31
[30] GB (1401702.4) 2014-01-31

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[13] A1
[51] **Int.Cl. F16B 2/22 (2006.01) B60J 11/00 (2006.01) B63B 17/00 (2006.01)**
[25] EN
[54] **RESILIENT COVER CLIP**
[54] **ATTACHE DE COUVERCLE ELASTIQUE**
[72] ALEXANDER, JON, US
[72] HOUGH, JUSTIN, US
[71] DOWCO, INC., US
[22] 2015-01-29
[41] 2015-07-29
[30] US (61/933,184) 2014-01-29

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[13] A1
[51] **Int.Cl. B63B 17/00 (2006.01) B60J 11/00 (2006.01)**
[25] EN
[54] **TENSION HELD COVER**
[54] **COUVERCLE MAINTENU PAR TENSION**
[72] ALEXANDER, JON, US
[71] DOWCO, INC., US
[22] 2015-01-29
[41] 2015-07-29
[30] US (61/933,188) 2014-01-29

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[13] A1
[51] **Int.Cl. H04N 19/533 (2014.01) H04N 19/176 (2014.01) H04N 19/42 (2014.01) H04N 19/557 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RATE-CONSTRAINED SEARCH ORDERING**
[54] **PROCEDE ET SYSTEME POUR ORDRE DE RECHERCHE A CONTRAINTE DE TAUX**
[72] TRUDEAU, LUC NORMAND, CA
[72] COULOMBE, STEPHANE, CA
[72] DESROSIERS, CHRISTIAN, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[22] 2015-01-29
[41] 2015-07-29
[30] US (61/932,997) 2014-01-29

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[13] A1
[51] **Int.Cl. A01K 97/01 (2006.01) A01K 97/12 (2006.01)**
[25] EN
[54] **ICE FISHING TIP UP FISHING LINE SYSTEM**
[54] **SYSTEME DE LIGNE A PECHE POUR DISPOSITIF DE PECHE SUR GLACE**
[72] SCHRAMSKI, MARTIN J., US
[71] SCHRAMSKI, MARTIN J., US
[22] 2015-01-30
[41] 2015-07-30
[30] US (61/933500) 2014-01-30

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[13] A1
[51] **Int.Cl. F04B 43/12 (2006.01) A01C 23/00 (2006.01) F04B 43/08 (2006.01)**
[25] EN
[54] **PERISTALTIC PUMP AND TRAILER MOUNTED SELF PUMPING SPRAYER SYSTEM INCORPORATING SAME**
[54] **POMPE PERISTALTIQUE ET MECANISME D'ARROSAGE AUTOPOMPANT INSTALLE SUR UNE REMORQUE EQUIPE DE LADITE POMPE**
[72] FONTAINE, JAMES R., US
[71] CHAPIN MANUFACTURING, INC., US
[22] 2015-01-28
[41] 2015-07-31
[30] US (14/170,138) 2014-01-31

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[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/24 (2006.01) H04L 27/20 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 7/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS, UN TAUX DE CODAGE DE 7/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-01-28
[41] 2015-07-29
[30] KR (10-2014-0011492) 2014-01-29
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[51] **Int.Cl. A43B 5/00 (2006.01) A43B 23/07 (2006.01)**
[25] EN
[54] **OUTDOOR SHOE, IN PARTICULAR CLIMBING OR HIKING SHOE**
[54] **CHAUSSURE D'EXTERIEUR, NOTAMMENT CHAUSSURE D'ESCALADE OU DE MARCHE**
[72] FRIEDL, JOHANN, AT
[71] FENIX OUTDOOR AB, SE
[22] 2015-01-30
[41] 2015-07-31
[30] DE (10 2014 101 191.0) 2014-01-31

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[13] A1
[51] **Int.Cl. A61N 1/378 (2006.01) A61N 1/362 (2006.01) A61N 1/372 (2006.01) H05F 7/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR HEART STIMULATIONS**
[54] **DISPOSITIF MEDICAL DE STIMULATION CARDIAQUE**
[72] LESKOSEK, JAMES ANDREW, CA
[72] KORDOLIA, TED SIMONIAN, CA
[71] LESKOSEK, JAMES ANDREW, CA
[71] KORDOLIA, TED SIMONIAN, CA
[22] 2015-02-02
[41] 2015-07-31
[30] US (61/934,293) 2014-01-31

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ADAPTIVE SOCIAL MEDIA SCORING MODEL WITH REVIEWER INFLUENCE ALIGNMENT**
[54] **MODELE DE NOTATION POUR MEDIAS SOCIAUX ADAPTATIFS AVEC ALIGNEMENT D~INFLUENCE DE CRITIQUE**
[72] SIVASHANMUGAM, PRABAHARAN, US
[72] CUMMINS, MICHAEL D., CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] DEL VECCHIO, ORIN, CA
[72] LOVE, TALVIS PIERRE, US
[71] SIVASHANMUGAM, PRABAHARAN, US
[71] CUMMINS, MICHAEL D., CA
[71] VAN HEERDEN, LAUREN, US
[71] NADARAJAH, GUNALAN, CA
[71] DEL VECCHIO, ORIN, CA
[71] LOVE, TALVIS PIERRE, US
[22] 2015-01-30
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[30] US (61/933,465) 2014-01-30

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[13] A1
[51] **Int.Cl. H01L 51/30 (2006.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **CNT THIN FILM TRANSISTOR WITH HIGH K POLYMERIC DIELECTRIC**
[54] **TRANSISTOR A FILM MINCE A NANOTUBES DE CARBONE AVEC MATERIAU DIELECTRIQUE POLYMERE A K ELEVE**
[72] DU, NAIYING, CA
[72] MALENFANT, PATRICK, CA
[72] LI, ZHAO, CA
[72] LEFEBVRE, JACQUES, CA
[72] DUBEY, GIRJESH, DE
[72] LOPINSKI, GREGORY, CA
[72] ZOU, SHAN, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
[22] 2015-01-30
[41] 2015-07-30
[30] EP (14153150) 2014-01-30

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[13] A1
[51] **Int.Cl. A61B 5/05 (2006.01) A61B 6/12 (2006.01) G01B 7/00 (2006.01)**
[25] EN
[54] **RADIOLUCENT TRANSMITTERS FOR MAGNETIC POSITION MEASUREMENT SYSTEMS**
[54] **EMETTEURS RADIOLUMINESCENTS POUR SYSTEMES DE MESURE DE POSITION MAGNETIQUE**
[72] ASHE, WESTLEY S., US
[71] ASCENSION TECHNOLOGY CORPORATION, US
[22] 2015-01-30
[41] 2015-07-31
[30] US (61/934,394) 2014-01-31

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[13] A1
[51] **Int.Cl. G01G 19/04 (2006.01) G01B 7/16 (2006.01)**
[25] EN
[54] **RAILWAY FREIGHT CAR ON-BOARD WEIGHING SYSTEM**
[54] **SYSTEME DE PESEE EMBARQUE POUR WAGON DE MARCHANDISES EN VRAC**
[72] MARAINI, DAN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2015-01-28
[41] 2015-07-31
[30] US (14/169,784) 2014-01-31

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[13] A1
[51] **Int.Cl. F21V 17/16 (2006.01) F21S 4/00 (2006.01) F21V 15/015 (2006.01) F21V 19/00 (2006.01) F21V 23/00 (2015.01) F21K 99/00 (2010.01)**
[25] EN
[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DEL**
[72] SHAN, XINXIN, CA
[71] LED SMART INC., CA
[22] 2015-01-28
[41] 2015-07-29
[30] US (14/167,830) 2014-01-29

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[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING PIPELINE QUALITY NATURAL GAS**
[54] **METHODE ET SYSTEME DE PRODUCTION DE GAZ NATUREL DE QUALITE PIPELINE**
[72] LIEN, LARRY, US
[71] LIEN, LARRY, US
[22] 2015-01-30
[41] 2015-07-31
[30] US (61/934,077) 2014-01-31

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[13] A1
[51] **Int.Cl. B66F 17/00 (2006.01) B66F 11/04 (2006.01)**
[25] EN
[54] **DETECTION AND WARNING SYSTEM UTILIZABLE IN A FALL ARRESTING AND PREVENTION DEVICE AND METHOD OF SAME**
[54] **SYSTEME DE DETECTION ET D'AVERTISSEMENT UTILISABLE DANS UN DISPOSITIF DE PREVENTION ET ANTICHUTE ET METHODE ASSOCIEE**
[72] BAILLARGEON, PAUL D., US
[72] WALBRIDGE, VAN, US
[71] BAILLARGEON, PAUL D., US
[71] WALBRIDGE, VAN, US
[22] 2015-01-30
[41] 2015-07-31
[30] US (61/934,617) 2014-01-31

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[13] A1
[51] **Int.Cl. C08L 9/00 (2006.01) C08J 3/24 (2006.01) C08L 23/16 (2006.01) C08L 23/22 (2006.01) C08L 67/00 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **NEW COMPOSITE MATERIALS BASED ON RUBBERS, ELASTOMERS, AND THEIR RECYCLED**
[54] **NOUVEAUX MATERIAUX COMPOSITES A BASE DE CAOUTCHOUCS, D'ELASTOMERES ET DE LEURS PRODUITS RECYCLES**
[72] LOYA ENRIQUEZ, RENE, MX
[72] BUENO HERRERA, GRECIA ANDREA, MX
[72] FLORES GALLARDO, SERGIO GABRIEL, MX
[72] ZARAGOZA CONTRERAS, ERASTO ARMANDO, MX
[72] VEGA RIOS, ALEJANDRO, MX
[72] MENDOZA DUARTE, MONICA ELVIRA, MX
[72] LOPEZ MARTINEZ, ERIKA IVONNE, MX
[71] CENTRO DE INVESTIGACION EN MATERIALES AVANZADOS, S.C., MX
[71] KAUTEC TECHNOLOGIES, S.A.P.I. DE C.V., MX
[22] 2015-01-29
[41] 2015-07-30
[30] MX (MX/A/2014/001230) 2014-01-30

[21] **2,880,959**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **SODIUM CITRATE AND CAUSTIC AS PROCESS AIDS FOR THE EXTRACTION OF BITUMEN FROM MINED OIL SANDS**
[54] **CITRATE DE SODIUM ET CAUSTIQUE EN TANT QU'AUXILIAIRES DE TRAITEMENT POUR L'EXTRACTION DU BITUME DES SABLES BITUMINEUX**
[72] LONG, JUN, CA
[72] GU, YONG JOE, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2015-01-28
[41] 2015-07-29
[30] US (61/933,069) 2014-01-29

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[72] RASOR, JULIA S., US
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[54] **METHOD AND SYSTEM FOR STORING, ACCESSING AND USING LOYALTY PROGRAM INFORMATION, MEMBERSHIP INFORMATION, GIFT CARDS, CASH CARDS AND COUPONS FOR MULTIPLE VENDORS IN A SINGLE PORTABLE ELECTRONIC KEYCHAIN STORAGE DEVICE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE STOCKER ET D'UTILISER DES RENSEIGNEMENTS RELATIFS A UN PROGRAMME DE FIDELISATION, DES RENSEIGNEMENTS SUR LES MEMBRES, DES CARTES-CADEAUX, DES CARTES DE PAIEMENT ET DES COUPONS, ET D'Y ACCEDER, POUR DE MULTIPLES FOURNISSEURS DANS UN SEUL DISPOSITIF DE STOCKAGE DE TYPE CHAINE PORTE-CLES ELECTRONIQUE PORTATIF**
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[72] KIRK, TODD W., CA
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[54] **SYSTEMES ET PROCEDES POUR UN RECYCLAGE EN LIBRE-SERVICE DE PIECES AUTOMOBILES**
[72] MIKELONIS, JON, US
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[54] **METHOD OF CONSTANT AIRFLOW CONTROL OF PM MOTOR DIRECT POWER CONTROL AND HVAC SYSTEM USING THE SAME**
[54] **PROCEDE DE COMMANDE DE FLUX D'AIR CONSTANT POUR COMMANDE DE PUISSANCE DIRECTE DE MOTEUR A AIMANT PERMANENT ET SYSTEME CVCA UTILISANT CELUI-CI**
[72] ZHANG, ZHENG, CN
[72] WANG, JIZHONG, US
[72] ZHOU, YIQIAO, US
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[54] **CIRCUIT DE LISSAGE DE TYPE A ENTREE DE CONDENSATEUR**
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[72] HIROMACHI, AKIHISA, JP
[71] HEIWA INC., JP
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[54] **SYSTEME DE PARTAGE DE CONTENU UTILISATEUR ET METHODE D'INTEGRATION DE CONTENU AUTOMATISEE EXTERNE**
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[71] INVESTEL CAPITAL CORPORATION, CA
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[54] **VALVE DE GONFLAGE A DEBIT SORTANT REDUIT**
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[71] ROHO, INC., US
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[54] **CAPTEUR D'IMMERSION DE COUSSIN**
[72] DARNOLD, LEANE, US
[72] CHANEY, THOMAS JOHN, US
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[54] **CIRCUIT D'ATTAQUE, DISPOSITIF D'ECLAIRAGE ET METHODE DE REDUCTION DE LA DISSIPATION DE PUISSANCE**
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[54] **MACHINE A LAVER ET DISPOSITIF D'ALIMENTATION EN EAU DE LAVAGE**
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[54] **MATERIAUX PREIMPREGNES ET STRATIFIES AYANT DES PROPRIETES DIELECTRIQUES HOMOGENES**
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[72] SCHUMACHER, JOHANN R., US
[72] KREUER, SASCHA, DE
[72] CONN, PEGGY, US
[72] WILSON, STANLEY E., US
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[54] **METHODE ET APPAREIL DE MISE EN PLACE DE COMMUNICATION ENTRE MACHINES VIRTUELLES**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSITION COSMETIQUE PROVENANT DE FLUIDE D'ECLOSION DE POISSON, PROCEDES POUR SA PRODUCTION ET SES UTILISATIONS POUR AMELIORER L'ASPECT COSMETIQUE DE LA PEAU**
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[71] AQUA BIO TECHNOLOGY ASA, NO
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[54] **MOTEUR ELECTRIQUE ET POMPE ELECTRIQUE**
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[72] SHIBUYA, SHINJI, JP
[72] HIROTA, KEN, JP
[72] TAKAHASHI, ATSUSHI, JP
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[54] **METHOD OF MAKING A MYCOPLASMA VACCINE**
[54] **PROCEDE DE FABRICATION D'UN VACCIN DE MYCOPLASME**
[72] JORDAN, DIANNA M. MURPHY, US
[72] MARTINSON, BRIAN THOMAS, US
[72] MUEHLENTHALER, CHRISTINE MARGARET, US
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[54] **METHODS OF ETCHING CARBON NANOTUBE SHEET MATERIAL FOR ELECTRICAL CIRCUIT AND THIN FILM THERMAL STRUCTURE APPLICATIONS**
[54] **PROCEDES PERMETTANT DE GRAVER UN MATERIAU EN FEUILLE DE NANOTUBES DE CARBONE POUR CIRCUIT ELECTRIQUE ET APPLICATIONS DE STRUCTURE THERMIQUE A COUCHE MINCE**
[72] CHOW, JAMES R., US
[72] TOWNSEND, CARL W., US
[71] RAYTHEON COMPANY, US
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[54] **CONJUGUES ET MOLECULES DE FAIBLES DIMENSIONS REAGISSANT AVEC LE RECEPTEUR CD16A**
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[72] TKACHENKO, SERGEY EVGENIEVICH, US
[71] "BIOINTEGRATOR" LIMITED LIABILITY COMPANY (OOO "BIOINTEGRATOR"), RU
[71] ALLA CHEM, LLC, US
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[72] KONITZER, DOUGLAS GERARD, US
[72] DEINES, JAMES HERBERT, US
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[72] YANG, XI, US
[71] GENERAL ELECTRIC COMPANY, US
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[72] ROGERS, STEVEN, US
[72] MOORE, SEAN, US
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[54] **SYSTEME DE MISE EN PLACE A BRIDE, PROCEDE ASSOCIE ET APPAREIL PERMETTANT D'ATTACHER SOLIDEMENT DES TUBES NASAUX**
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[72] KOELPER, CRYSTAL, US
[72] LAZAR, JILL, US
[72] MASINO, MICHAEL, US
[72] PURNELL, SHAWN, US
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[54] **SYSTEMES ET PROCEDES POUR ECOSYSTEME D'ESSAI NON DESTRUCTIF**
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[72] WARD, ROBERT CARROLL, US
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[54] **SYSTEME INTELLIGENT PORTATIF DE SURVEILLANCE DE LA SANTE ET PROCEDES CONNEXES**
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[72] EAGLE, SUSAN, US
[72] HARDER, RENE, US
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[72] SWAYZE, DANIEL J., US
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[54] **PRODUCTION D'HYDROCARBURES A PARTIR D'UNE FORMATION**
[72] KELLER, STUART R., US
[72] BOONE, THOMAS J., CA
[72] LINDERMAN, JOHN T., US
[72] DAWSON, MATTHEW A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **INTERFACE RADIO A L'INTERIEUR D'UN TRANSMETTEUR**
[72] KOROLEV, EUGENE, US
[71] ROSEMOUNT INC., US
[85] 2015-07-09
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[54] **SYSTEME ET PROCEDE POUR UN ACCES PAR SATELLITE ORBITAL GENERALISE A BAS COUT**
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[71] SPIRE GLOBAL, INC., US
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[54] **METHOD AND COMPOSITION FOR TREATMENT OF ARTHRITIS AND OSTEOARTHROSIS**
[54] **METHODE ET PRODUIT POUR ACCELERER LA CONSOLIDATION DES FRACTURES OSSEUSES**
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[72] PROKHOROV, MIKHAIL DMITRIEVICH, RU
[72] JONES-STRUKOVA, OLGA, US
[72] TRIFONOV, VJACHESLAV NIKOLAEVICH, RU
[72] ELISTRATOVA, JULIJA ANATOLIEVNA, RU
[72] ELISTRATOV, KONSTANTIN GENNADIEVICH, RU
[72] KURUS`, NATAL`JA VJACHESLAVOVNA, RU
[72] EREMINA, NATALYA VYACHESLAVOVNA, RU
[72] MAKSIMOVA, MARINA NIKOLAEVNA, RU
[72] GALEEVA, RAMZIYA TIMURSHOVNA, RU
[72] RADCHENKO, LARISA GRIGORIEVNA, RU
[72] FEDOROV, ALEKSANDR VIKTOROVICH, RU
[72] KRUTYAKOV, EVGENY NIKOLAIEVICH, RU
[72] ANDREEVA, ELENA STANISLAVOVNA, RU
[72] ELISTRATOVA, TATIANA VIKTOROVNA, RU
[72] KHOMYAKOVA, IRINA VLADIMIROVNA, RU
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[54] **PROCEDE D'OXYDATION D'UN OU PLUSIEURS COMPOSES THIOL**
[72] TERTEL, JONATHAN ANDREW, US
[72] KARAGIC, JASNA, US
[72] TRUCKO, JESSY E., US
[71] UOP LLC, US
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[54] **SYSTEMS AND PROCESSES FOR INSERTING AN INTRAOCULAR LENS**
[54] **SYSTEMES ET PROCEDES D'INTRODUCTION D'UNE LENTILLE INTRAOCULAIRE**
[72] WU, YINGHUI, US
[71] NOVARTIS AG, CH
[85] 2015-07-09
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[54] **SYSTEMS AND PROCESSES FOR EYE MOISTURIZING DURING OCULAR SURGERY**
[54] **SYSTEMES ET PROCEDES D'HUMIDIFICATION DES YEUX PENDANT UNE CHIRURGIE OCULAIRE**
[72] SCHALLER, PHILIPP, CH
[71] ALCON RESEARCH, LTD., US
[85] 2015-07-09
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[54] **AGENT MODIFICATEUR DE SAVEUR SUCREE**
[72] ADAMSKI-WERNER, SARA L., US
[72] DARMOHUSODO, VINCENT, US
[72] TACHDJIAN, CATHERINE, US
[72] KARANEWSKY, DONALD S., US
[72] PETROVIC, GORAN, US
[72] KIMMICH, RACHEL, US
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[71] SENOMYX, INC., US
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[54] **INJECTEUR ET PROCEDE D'ASSEMBLAGE**
[72] GIBSON, SCOTT R., US
[71] AMGEN INC., US
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[54] **FLOW SENSING FIBER OPTIC CABLE AND SYSTEM**
[54] **CABLE ET SYSTEME A FIBRE OPTIQUE DE DETECTION D'ECOULEMENT**
[72] JAASKELAINEN, MIKKO, US
[72] MITCHELL, IAN BRADFORD, US
[72] PARK, BRIAN V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONSTRUCTIONS DE SIMULATION CHIRURGICALE AVANCEE ET PROCEDES AFFERENTS**
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[72] BOLANOS, EDUARDO, US
[72] CHEHAYEB, SAM, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **DISPOSITIF DE FIXATION AYANT UNE BANDE ET UN PANSEMENT D'UNE SEULE PIECE**
[72] ANDINO, RAFAEL V., US
[72] BROOKS, CHRISTOPHER J., US
[71] VENETEC INTERNATIONAL, INC., US
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[54] **ADHESIF DE POLYURETHANE TRANSMETTANT DU GAZ**
[72] EKLUND, WAYNE G., US
[72] RIPPE, STEPHEN G., US
[71] H.B. FULLER COMPANY, US
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[54] **SENSOR ASSEMBLY AND METHOD FOR MEASURING FORCES AND TORQUES**
[54] **ENSEMBLE CAPTEUR ET PROCEDE PERMETTANT DE MESURER DES FORCES ET DES COUPLES**
[72] JANIK, JOHN J., US
[72] BRINDLEY, ROBERT A., US
[72] TANG, EDWARD, US
[72] SPANGLER, LELAND J., US
[71] STRYKER CORPORATION, US
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[54] **PHASE DE PURGE DESTINEE A DES SYSTEMES DE CRYOABLATION**
[72] HARMOUCHE, CHADI, CA
[72] MAHROUCHE, RACHID, CA
[72] MONGER, ERIC, CA
[72] SIMEON, BERTIN, CA
[72] TZONEV, VLADIMIR, CA
[71] MEDTRONIC CRYOCATH LP, CA
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[54] **METHOD OF UPGRADING HEAVY CRUDE OIL**
[54] **PROCEDE POUR LA VALORISATION DE PETROLE BRUT LOURD**
[72] OEHR, KLAUS H., CA
[71] RIVAL TECHNOLOGIES INC., US
[71] OEHR, KLAUS H., CA
[71] CONSTABLE, GEORGE ALEXANDER, CA
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[54] **SOLID SOLUTION COMPOSITIONS AND USE IN CARDIOVASCULAR DISEASE**
[54] **COMPOSITIONS DE SOLUTIONS SOLIDES ET UTILISATION DANS LE TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] REILEY, RICHARD ROBERT, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[71] INFIRST HEALTHCARE LIMITED, GB
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[54] **MASK AND METHOD FOR BREATHING DISORDER IDENTIFICATION, CHARACTERIZATION AND/OR DIAGNOSIS**
[54] **MASQUE ET PROCEDE D'IDENTIFICATION, DE CARACTERISATION ET/OU DE DIAGNOSTIC DE TROUBLES RESPIRATOIRES**
[72] ALSHAER, HISHAM, CA
[72] BRADLEY, T. DOUGLAS, CA
[72] FERNIE, GEOFFREY ROY, CA
[72] LEVCHENKO, OLEKSANDR IGOROVICH, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **SOLID SOLUTION COMPOSITIONS AND USE IN CHRONIC INFLAMMATION**
[54] **COMPOSITIONS SOUS FORME DE SOLUTION SOLIDE ET LEUR UTILISATION EN INFLAMMATION CHRONIQUE**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] REILEY, RICHARD ROBERT, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[71] INFIRST HEALTHCARE LIMITED, GB
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[54] **A 780MPA COLD-ROLLED DUEL-PHASE STRIP STEEL AND METHOD FOR MANUFACTURING THE SAME**
[54] **ACIER FEUILLARD A DOUBLE PHASE LAMINE A FROID DE CLASSE 780 MPA ET SON PROCEDE DE FABRICATION**
[72] ZHU, XIAODONG, CN
[72] LI, XUFEI, CN
[72] DU, PEIFANG, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-07-10
[86] 2013-05-24 (PCT/CN2013/076184)
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[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING AN OUTER SURFACE OF A PLANAR WAVEGUIDE TO BE CAPABLE OF BINDING TARGET SAMPLES ALONG A PLURALITY OF PREDETERMINED LINES AND A PLANAR WAVEGUIDE**
[54] **PROCEDE DE PREPARATION D'UNE SURFACE EXTERIEURE DE GUIDE D'ONDES PLAN POUR ETRE APTE A LIER DES ECHANTILLONS CIBLES LE LONG D'UNE PLURALITE DE LIGNES PREDETERMINEES ET GUIDE D'ONDES PLAN**
[72] FATTINGER, CHRISTOF, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **METHOD AND DEVICE FOR TREATMENT OF AN AMINO ACID SALT SOLUTION THAT IS CONTAMINATED WITH CARBON DIOXIDE**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER UNE SOLUTION DE SELS D'ACIDES AMINES CONTAMINEE PAR DU DIOXYDE DE CARBONE**
[72] FISCHER, BJORN, DE
[72] HAUKE, STEFAN, DE
[72] JOH, RALPH, DE
[72] KINZL, MARKUS, DE
[72] SCHNEIDER, RUDIGER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD OF PRODUCING BETA-CASEIN COMPOSITIONS AND RELATED PRODUCTS**
[54] **PROCEDE DE PRODUCTION DE COMPOSITIONS DE BETA-CASEINE ET PRODUITS APPARENTES**
[72] CHRISTENSEN, JESPER, DK
[72] HOLST, HANS HENRIK, DK
[71] ARLA FOODS AMBA, DK
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[54] **METHOD OF MANUFACTURING A DRAWN MULTIFILAMENT YARN**
[54] **PROCEDE DE FABRICATION D'UN FIL MULTIFILAMENT ETIRE**
[72] DANSCHUTTER, DE EVERT FLORENTINUS FLORIMONDUS, NL
[72] MITTENZWEI, ANDREAS OLIVER, NL
[71] DSM IP ASSETS B.V., NL
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[54] **DISPOSITIF DE SUPPORT TEMPORAIRE D'OREILLETTE**
[72] KERANEN, OLLI, SE
[72] VIRTANEN, JANI, FI
[72] PUGH, MARK, IE
[72] O'CARROLL, GER, IE
[72] MORAN, ADRIAN, IE
[71] MEDTENTIA INTERNATIONAL LTD OY, FI
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[54] **A SYSTEM FOR CARDIAC VALVE REPAIR**
[54] **SYSTEME DE REPARATION DE VALVULE CARDIAQUE**
[72] KERANEN, OLLI, SE
[72] VIRTANEN, JANI, FI
[72] PUGH, MARK, IE
[72] O'CARROLL, GER, IE
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF DIAMINE/DICARBOXYLIC ACID SALTS AND POLYAMIDES THEREOF**
[54] **PROCEDE POUR LA PREPARATION DE SELS DE DIAMINE/ACIDE DICARBOXYLIQUE ET DE LEURS POLYAMIDES**
[72] RULKENS, RUDY, NL
[72] KIERKELS, RENIER HENRICUS MARIA, NL
[72] POEL VANDEN, GEERT ADELINA RUDOLF, NL
[72] CUYPERS, THEO JOSEPH, NL
[72] GROLMAN, ERIC, NL
[71] DSM IP ASSETS B.V., NL
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[54] **TERMINAUX VIRTUELS DE VIDEOCONFERENCE**
[72] DAHLE, HAKON, NO
[72] CHAMBERLIN, GILES RUSSEL, GB
[72] HASHIM, HANI MUSTAFA ELSAYED ABDELKADER, NO
[71] CISCO TECHNOLOGY, INC., US
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[30] NO (20130330) 2013-03-04
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[25] EN
[54] **UREA DERIVATIVES AND THEIR USE AS FATTY-ACID BINDING PROTEIN (FABP) INHIBITORS**
[54] **DERIVES D'UREE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA PROTEINE DE LIAISON A UN ACIDE GRAS (FABP)**
[72] BUETTELMANN, BERND, DE
[72] CECCARELLI, SIMONA M., CH
[72] CONTE, AURELIA, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] NEIDHART, WERNER, CH
[72] OBST SANDER, ULRIKE, CH
[72] RICHTER, HANS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **PROCESS FOR THE CONVERSION OF SACCHARIDE-CONTAINING FEEDSTOCK**
[54] **PROCEDE PERMETTANT LA CONVERSION D'UN PRODUIT DE DEPART CONTENANT DES SACCHARIDES**
[72] VAN DER HEIDE, EVERT, NL
[72] HUIZENGA, PIETER, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V., NL
[85] 2015-07-10
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[25] EN
[54] **STRUCTURE OF A RECEIVING DEVICE FOR RECEIVING A MAGNETIC FIELD AND FOR PRODUCING ELECTRIC ENERGY BY MAGNETIC INDUCTION**
[54] **STRUCTURE D'UN DISPOSITIF RECEPTEUR PERMETTANT DE RECEVOIR UN CHAMP MAGNETIQUE ET PERMETTANT DE PRODUIRE DE L'ENERGIE ELECTRIQUE PAR INDUCTION MAGNETIQUE**
[72] ANDERS, DOMINIK, DE
[72] WECHSLER, SIMON, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2015-07-10
[86] 2014-04-08 (PCT/EP2014/057092)
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[25] EN
[54] **COOLING METHOD AND SYSTEM FOR PHOTOVOLTAIC SOLAR PANELS**
[54] **SYSTEME ET PROCEDE DE REFRIGERATION POUR PANNEAUX SOLAIRES PHOTOVOLTAIQUES**
[72] FERNANDEZ DE CORDOBA SANZ, FERNANDO, ES
[71] FERNANDEZ DE CORDOBA SANZ, FERNANDO, ES
[85] 2015-07-10
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[25] EN
[54] **GRAFT COPOLYMER, THERMOPLASTIC RESIN COMPOSITION, AND MOLDED ARTICLE OF SAID RESIN COMPOSITION**
[54] **COPOLYMERE GREFFE, COMPOSITION DE RESINE THERMOPLASTIQUE, ET ARTICLE MOULE DE LADITE COMPOSITION DE RESINE**
[72] TAO, KOUSAKU, JP
[72] NII, RISA, JP
[72] SHINOHARA, YOSHIAKI, JP
[72] HASE, NOBUTAKA, JP
[71] UMG ABS, LTD., JP
[71] MITSUBISHI RAYON CO., LTD., JP
[85] 2015-07-10
[86] 2014-02-14 (PCT/JP2014/053518)
[87] (WO2014/126215)
[30] JP (2013-028130) 2013-02-15
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[25] EN
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[54] **SYSTEME DE LENTILLE INTRAOCULAIRE ACCOMMODATIVE**
[72] ROHOLT, PHILIP C., US
[71] VISTA OCULAR, LLC, US
[85] 2015-07-10
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[25] EN
[54] **ORALLY ADMINISTERED ADSORBENT, THERAPEUTIC AGENT FOR RENAL DISEASE, AND THERAPEUTIC AGENT FOR LIVER DISEASE**
[54] **ADSORBANT POUR ADMINISTRATION PAR VOIE ORALE, MEDICAMENT POUR MALADIE RENALE, ET MEDICAMENT POUR MALADIE DU FOIE**
[72] WAKAHOI, TAKASHI, JP
[72] AKITA, TAKAHIRO, JP
[72] SONOBE, NAOHIRO, JP
[72] KUWAHARA, MIEKO, JP
[71] KUREHA CORPORATION, JP
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[87] (WO2014/129617)
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[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/07 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MITIGATING POTENTIAL FRAME INSTABILITY**
[54] **SYSTEMES ET PROCEDES D'ATTENUATION D'INSTABILITE POTENTIELLE DE TRAME**
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-07-10
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[54] **TEMPERATURE SENSING CATHETER**
[54] **CATHETER DE DETECTION DE TEMPERATURE**
[72] RAMOS, RUBEN, US
[72] ICENOGLE, DAVID, US
[71] C.R. BARD, INC., US
[85] 2015-07-09
[86] 2014-03-12 (PCT/US2014/024886)
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[25] EN
[54] **SIGNAL-SENSOR POLYNUCLEOTIDES FOR THE ALTERATION OF CELLULAR PHENOTYPES**
[54] **POLYNUCLEOTIDES CAPTEURS DE SIGNAL SERVANT A MODIFIER LES PHENOTYPES CELLULAIRES**
[72] HOGE, STEPHEN G., US
[72] CHAKRABORTY, TIRTHA, US
[72] FREDERICK, JOSHUA P., US
[72] JOHN, MATTHIAS, US
[72] DE FOUGEROLLES, ANTONIN, BE
[71] MODERNA THERAPEUTICS, INC., US
[85] 2015-07-10
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[30] US (61/754,159) 2013-01-18
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[30] US (61/829,334) 2013-05-31
[30] US (61/839,893) 2013-06-27
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[54] **RAS INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE RAS ET LEURS UTILISATIONS**
[72] GRAY, NATHANAEL, US
[72] LIM, SANG MIN, US
[72] CHOI, HWAN GEUN, US
[72] WESTOVER, KENNETH DALE, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2015-07-09
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[51] **Int.Cl. A61B 5/0205 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MONITORING DIRECTIONAL BLOOD FLOW AND PULSE WAVE VELOCITY WITH PHOTOPLETHYSMOGRAPHY**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE DU FLUX SANGUIN DIRECTIONNEL ET DE LA VITESSE DE L'ONDE DE POULS PAR PHOTOPLETHYSMOGRAPHIE**
[72] MELKER, RICHARD J., US
[72] COHEN, SEAN, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[71] XHALE, INC., US
[85] 2015-07-09
[86] 2014-03-13 (PCT/US2014/026359)
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[25] EN
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[54] **ADSORBANT POUR ADMINISTRATION PAR VOIE ORALE, MEDICAMENT POUR MALADIE RENALE, ET MEDICAMENT POUR MALADIE DU FOIE**
[72] WAKAHOI, TAKASHI, JP
[72] AKITA, TAKAHIRO, JP
[72] SONOBE, NAOHIRO, JP
[72] KUWAHARA, MIEKO, JP
[71] KUREHA CORPORATION, JP
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[51] **Int.Cl. A43B 13/12 (2006.01)**
[25] EN
[54] **FLEXIBLE SOLE AND UPPER FOR AN ARTICLE OF FOOTWEAR**
[54] **SEMELLE SOUPLE ET TIGE POUR ARTICLE DE CHAUSSURES**
[72] COOPER, AARON AC, US
[71] NIKE INNOVATE C.V., US
[85] 2015-07-09
[86] 2014-03-14 (PCT/US2014/027261)
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[30] US (61/789,201) 2013-03-15
[30] US (14/206,400) 2014-03-12

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[51] **Int.Cl. C09K 5/10 (2006.01)**
[25] EN
[54] **LIQUID COOLING MEDIUM FOR ELECTRONIC DEVICE COOLING**
[54] **MILIEU DE REFROIDISSEMENT LIQUIDE UTILISABLE EN VUE DU REFROIDISSEMENT D'APPAREILS ELECTRONIQUES**
[72] FLORY, ANNY L., US
[72] ESSEGHIR, MOHAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[86] 2013-12-17 (PCT/US2013/075674)
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[51] **Int.Cl. A61M 36/04 (2006.01) A61B 17/34 (2006.01) A61M 36/12 (2006.01) A61N 5/10 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY SEED INSERTION AND FIXATION SYSTEM**
[54] **SYSTEME D'INTRODUCTION ET DE FIXATION DE GRAINS DE CURIETHERAPIE**
[72] SHPITTLE, JOHN, US
[72] DROBNIK, MICHAEL W., US
[72] DROBNIK, CHRISTOPHER D., US
[72] KRACHON, MIKE, US
[71] C.R. BARD, INC., US
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[25] EN
[54] **URINE MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'URINE**
[72] RAMOS, RUBEN, US
[72] O'GRADY, MICHAEL, US
[72] CHEN, FUNGBOR, US
[71] C.R. BARD, INC., US
[85] 2015-07-09
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[25] EN
[54] **TOPICAL AQUEOUS OPHTHALMIC COMPOSITIONS CONTAINING A 1H-INDOLE-1-CARBOXAMIDE DERIVATIVE AND USE THEREOF FOR TREATMENT OF OPHTHALMIC DISEASE**
[54] **COMPOSITIONS OPHTALMIQUES AQUEUSES TOPIQUES CONTENANT UN DERIVE DE 1H-INDOLE-1-CARBOXAMIDE, ET LEUR UTILISATION POUR LE TRAITEMENT D'UNE MALADIE OPHTALMIQUE**
[72] GHOSH, MALAY, US
[72] ADAMS, CHRISTOPHER MICHAEL, US
[72] DODD, STEPHANIE KAY, US
[72] POOR, STEPHEN HEDRICK, US
[71] NOVARTIS AG, CH
[85] 2015-07-09
[86] 2014-06-04 (PCT/US2014/040892)
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[25] EN
[54] **METHOD FOR PREPARING EXTRACT FROM CULTURE MEDIUM OF CERIPORIA LACERATA AND PHARMACEUTICAL COMPOSITION PREPARED THEREBY FOR PREVENTING OR TREATING DIABETIC DISEASES AND DIABETIC COMPLICATIONS, WHICH CONTAINS EXTRACT FROM CULTURE MEDIUM OF CERIPORIA LACERATA AS ACTIVE INGREDIENT**
[54] **METHODE DE PREPARATION D'UN EXTRAIT DU MILIEU DE CULTURE DU CERIPORIA LACERATA ET COMPOSITION PHARMACEUTIQUE OBTENUE A L'AIDE DE LA METHODE POUR PREVENIR OU TRAITER DES PATHOLOGIES DIABETIQUES ET DES COMPLICATIONS LIEES AU DIABETE, CONTENANT L'EXTRAIT DU MILIEU DE CULTURE DU CERIPORIA LACERATA COMME PRINCIPE ACTIF**
[72] KIM, BYOUNG CHEON, KR
[71] FUGENBIO CO., LTD., KR
[85] 2015-07-10
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[25] EN
[54] **DRIVING CONTROL DEVICE OF CONSTRUCTION MACHINE**
[54] **DISPOSITIF DE COMMANDE D'ENTRAINEMENT DE MACHINE DE CONSTRUCTION**
[72] PARK, HYUNG-SEOK, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-07-10
[86] 2013-01-25 (PCT/KR2013/000593)
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[25] EN
[54] **PYROLYSIS FURNACE TUBE JOINT**
[54] **JOINT A TUBE POUR FOUR A PYROLYSE**
[72] SPICER, DAVID B., US
[72] PENNEY, CHRISTOPHER C., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2015-07-10
[86] 2014-02-12 (PCT/US2014/015937)
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[30] US (61/773,186) 2013-03-06
[30] EP (13163458.6) 2013-04-12

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[51] **Int.Cl. E06B 9/74 (2006.01)**
[25] EN
[54] **SUNSHADE DRIVING DEVICE HAVING A RETURNING FUNCTION OF A WHEEL DRIVING MEMBER**
[54] **APPAREIL D'ENTRAINEMENT DE STORE PARE-SOLEIL AYANT UNE FONCTION DE RETOUR D'ELEMENT DE ROUE D'ENTRAINEMENT**
[72] JUNG, TAEROK, KR
[72] JUNG, JAEHEUN, KR
[71] TERASOLAR CO., LTD., KR
[85] 2015-07-10
[86] 2014-01-17 (PCT/KR2014/000537)
[87] (WO2014/112837)
[30] KR (10-2013-0005624) 2013-01-18
[30] KR (10-2013-0005626) 2013-01-18

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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING CONTROLLED SUBSTANCE ABUSE OR DIVERSION**
[54] **PROCEDE ET APPAREIL DE DETECTION D'UNE CONSOMMATION EXCESSIVE OU D'UN DETOURNEMENT D'UNE SUBSTANCE CONTROLEE**
[72] SPRINTZ, MICHAEL, US
[71] DIVERSION DETECTION TECHNOLOGIES, LLC, US
[85] 2015-07-10
[86] 2014-02-14 (PCT/US2014/016480)
[87] (WO2014/127234)
[30] US (61/765,704) 2013-02-16
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[51] **Int.Cl. F15B 20/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEACTIVATING A HYDRAULIC DEVICE THAT IS LEAKING HYDRAULIC OIL**
[54] **PROCEDE ET APPAREIL DE DESACTIVATION D'UN DISPOSITIF HYDRAULIQUE PRESENTANT UNE FUITE D'HUILE HYDRAULIQUE**
[72] NAQUIN, JOEY, US
[71] GULFSTREAM SERVICES, INC., US
[85] 2015-07-10
[86] 2013-01-14 (PCT/US2013/021457)
[87] (WO2013/106839)
[30] US (61/586,530) 2012-01-13
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[51] **Int.Cl. G06K 7/00 (2006.01)**
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[54] **ENHANCED SMARTCARD READER WITH MULTI-LEVEL READING CONTACTS**
[54] **LECTEUR DE CARTE A PUCE AMELIORE AVEC CONTACT DE LECTURE A NIVEAUX MULTIPLES**
[72] LAPALME, JEROME A., US
[72] BEALS, WILLIAM MICHAEL, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2015-07-10
[86] 2014-02-20 (PCT/US2014/017352)
[87] (WO2014/158494)
[30] US (13/797,594) 2013-03-12

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[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01)**
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[54] **LIQUID COOLING MEDIUM FOR ELECTRONIC DEVICE COOLING**
[54] **MILIEU DE REFROIDISSEMENT LIQUIDE UTILISABLE EN VUE DU REFROIDISSEMENT D'APPAREILS ELECTRONIQUES**
[72] FLORY, ANNY L., US
[72] ESSEGHIR, MOHAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-07-10
[86] 2013-12-17 (PCT/US2013/075670)
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[51] **Int.Cl. A01K 67/027 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **NON-HUMAN ANIMALS WITH MODIFIED IMMUNOGLOBULIN HEAVY CHAIN SEQUENCES**
[54] **ANIMAUX NON HUMAINS PRESENTANT DES SEQUENCES DE CHAINE LOURDE D'IMMUNOGLOBULINE MODIFIEES**
[72] MCWHIRTER, JOHN, US
[72] GURER, CAGAN, US
[72] MEAGHER, KAROLINA A., US
[72] MACDONALD, LYNN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2015-07-10
[86] 2014-02-20 (PCT/US2014/017427)
[87] (WO2014/130690)
[30] US (61/766,765) 2013-02-20
[30] US (61/879,338) 2013-09-18

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[51] **Int.Cl. F23D 14/46 (2006.01) F23C 3/00 (2006.01) F23C 7/00 (2006.01) F23L 1/00 (2006.01)**
[25] EN
[54] **HELICAL FUEL BURNER**
[54] **BRULEUR A COMBUSTIBLE HELICOIDAL**
[72] POTTER, STEPHEN, US
[71] POTTER, STEPHEN, US
[85] 2015-07-10
[86] 2013-12-19 (PCT/US2013/076612)
[87] (WO2014/163689)
[30] US (61/806,852) 2013-03-30
[30] US (14/073,836) 2013-11-06

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[13] A1
[51] **Int.Cl. B60H 1/02 (2006.01) F01D 5/28 (2006.01) F01D 5/30 (2006.01) F01D 5/32 (2006.01)**
[25] EN
[54] **COMPLIANT INTERMEDIATE COMPONENT OF A GAS TURBINE ENGINE**
[54] **COMPOSANT INTERMEDIAIRE CONFORME D'UNE TURBINE A GAZ**
[72] THOMAS, DAVID J., US
[72] CHAMBERLAIN, ADAM L., US
[72] USKERT, RICHARD C., US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2015-07-10
[86] 2013-12-27 (PCT/US2013/078139)
[87] (WO2014/163701)
[30] US (61/776,750) 2013-03-11

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[13] A1
[51] **Int.Cl. G01C 21/20 (2006.01)**
[25] EN
[54] **RECREATIONAL VEHICLE INTERACTIVE TELEMETRY, MAPPING, AND TRIP PLANNING SYSTEM**
[54] **SYSTEME DE PLANIFICATION DE TRAJET, CARTOGRAPHIE ET TELEMESURE INTERACTIVE DE VEHICULE DE LOISIRS**
[72] THARALDSON, JOSEPH D., US
[72] KOENIG, DAVID J., US
[72] KOOSMANN, ADAM C., US
[72] WOLF, CHRISTOPHER G., US
[72] FISHER, WILLIAM C., US
[72] WECKERT, KIM A., US
[72] CALLAHAN, JOHN W., US
[72] HERMAN, DAREN W., US
[72] FROSTAD, TODD L., US
[72] GUSTAFSON, GARY L., US
[72] CRAIN, STEPHEN G., US
[71] POLARIS INDUSTRIES INC., US
[85] 2015-07-10
[86] 2014-02-26 (PCT/US2014/018638)
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[30] US (61/769,378) 2013-02-26
[30] US (61/926,013) 2014-01-10

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[51] **Int.Cl. A23C 19/08 (2006.01)**
[25] EN
[54] **EMULSIFYING SALT-FREE CHEESE AND METHOD OF MAKING THEREOF HAVING A BLEND OF SHEARED AND NON-SHEARED FAT**
[54] **FROMAGE SANS SEL EMULSIFIANT ET PROCEDE DE FABRICATION DE CELUI-CI AYANT UN MELANGE DE LIPIDES SOUMIS A CISAILLEMENT ET NON SOUMIS A CISAILLEMENT**
[72] KIMMEL, JENNIFER LOUISE, US
[72] CRIEZIS, AMANDA JANE, US
[72] DIYAOLU, OLUGBENGA, US
[72] SANBORN, TRACY JOELLA, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2015-07-10
[86] 2014-03-03 (PCT/US2014/019839)
[87] (WO2014/137881)
[30] US (13/789,404) 2013-03-07

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[13] A1
[51] **Int.Cl. C07C 2/04 (2006.01) B01J 29/40 (2006.01) C10G 50/00 (2006.01) C10G 69/12 (2006.01)**
[25] EN
[54] **PRODUCTION OF LUBRICANT BASE OILS FROM DILUTE ETHYLENE FEEDS**
[54] **PRODUCTION D'HUILES DE BASE LUBRIFIANTES A PARTIR D'ALIMENTATIONS D'ETHYLENE DILUEES**
[72] DAAGE, MICHEL, US
[72] BROWN, STEPHEN H., US
[72] SANCHEZ, EUGENIO, US
[72] BHORE, NAZEER A., US
[72] WELCH, ROBERT CHARLES WILLIAM, US
[72] HOLTZER, GRETCHEN L., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-07-10
[86] 2014-03-05 (PCT/US2014/020592)
[87] (WO2014/149731)
[30] US (61/789,051) 2013-03-15

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[13] A1
[51] **Int.Cl. C12P 7/16 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF N-BUTANOL FROM SYNGAS USING SYNTROPHIC CO-CULTURES OF ANAEROBIC MICROORGANISMS**
[54] **PROCEDE DE PRODUCTION DE N-BUTANOL A PARTIR DU GAZ DE SYNTHESE A L'AIDE DE CO-CULTURES SYNTROPHIQUES DE MICROORGANISMES ANAEROBIE**
[72] ENZIEN, MIKE, US
[72] DATTA, RATHIN, US
[72] TOBEY, RICHARD, US
[71] COSKATA, INC., US
[85] 2015-07-10
[86] 2013-12-30 (PCT/US2013/078362)
[87] (WO2014/113209)
[30] US (13/745,155) 2013-01-18

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[13] A1
[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **3-DIMENSIONAL LARGE CAPACITY CELL ENCAPSULATION DEVICE ASSEMBLY**
[54] **ENSEMBLE DE DISPOSITIFS D'ENCAPSULATION DE CELLULES GRANDE CAPACITE TRIDIMENSIONNELS**
[72] SO, VINCENT, US
[72] MARTINSON, LAURA, US
[72] GREEN, CHAD, US
[72] SCOTT, MICHAEL, US
[71] VIACYTE, INC., US
[85] 2015-07-10
[86] 2014-03-07 (PCT/US2014/022109)
[87] (WO2014/138691)
[30] US (61/774,443) 2013-03-07

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[13] A1
[51] **Int.Cl. C25D 3/06 (2006.01) C25D 5/00 (2006.01) C25D 19/00 (2006.01) C25D 21/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF MAINTAINING TRIVALENT CHROMIUM BATH PLATING EFFICIENCY**
[54] **APPAREIL ET PROCEDE DE MAINTIEN DE L'EFFICACITE DE PLACAGE DE BAIN DE CHROME TRIVALENT**
[72] BOKISA, GEORGE, US
[71] COVENTYA, INC., US
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[25] EN
[54] **APPARATUS FOR THE FIXATION OF PROXIMAL HUMERUS FRACTURES**
[54] **APPAREIL POUR LA FIXATION DE FRACTURES D'HUMERUS PROXIMAL**
[72] PONCE, BRENT A., US
[72] WHITCOMB, JOHN, US
[71] THE UAB RESEARCH FOUNDATION, US
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[25] EN
[54] **SAVINGS PARTICIPATION RIGHT UNITS WITH INVESTOR DIVERSIFICATION**
[54] **UNITES DE DROIT DE PARTICIPATION A DES ECONOMIES AVEC DIVERSIFICATION DES INVESTISSEURS**
[72] LEVENSTEIN, LAWRENCE M., US
[71] LEVENSTEIN, LAWRENCE M., US
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[25] EN
[54] **STABILIZED COMPOSITIONS COMPRISING HYALURONIC ACID**
[54] **COMPOSITIONS STABILISEES COMPRENANT DE L'ACIDE HYALURONIQUE**
[72] GRAVETT, DAVID M., US
[72] HE, PINGREN, US
[71] CARBYLAN THERAPEUTICS, INC., US
[85] 2015-07-10
[86] 2014-01-10 (PCT/US2014/011160)
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[25] FR
[54] **FUSIBLE MEMBER INTENDED TO JOIN TWO YOKES TO FORM A HINGE**
[54] **ORGANE FUSIBLE DESTINE A REUNIR DEUX CHAPES POUR FORMER UNE ARTICULATION**
[72] ANTONI, NICOLAS, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[85] 2015-07-10
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[25] FR
[54] **OUTDOOR PUBLIC LIGHTING LAMP HAVING LIGHT-EMITTING DIODES AND STREET LAMP OR LAMP-POST PROVIDED WITH SUCH A LAMP**
[54] **LAMPE D'ECLAIRAGE PUBLIC EXTERIEUR A DIODES ELECTROLUMINESCENTES ET LAMPADAIRE OU REVERBERE EQUIPE D'UNE TELLE LAMPE**
[72] MIRABELLI, FRANCO, FR
[71] MIRABELLI, FRANCO, FR
[85] 2015-07-10
[86] 2014-01-10 (PCT/EP2014/050418)
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[25] EN
[54] **AUTOMATION TUBE POSITIONING METHODOLOGY**
[54] **METHODOLOGIE DE POSITIONNEMENT DE TUBE A AUTOMATISATION**
[72] GERMAN, RYAN, US
[72] POLLACK, BENJAMIN S., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2015-07-10
[86] 2014-01-14 (PCT/US2014/011523)
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[51] **Int.Cl. B01J 19/18 (2006.01) B01J 3/00 (2006.01) B01J 3/02 (2006.01)**
[25] FR
[54] **HYDROTHERMAL OXIDATION DEVICE FOR TREATING A MATERIAL IN A SUPERCRITICAL MEDIUM AND IMPLEMENTATION METHOD**
[54] **DISPOSITIF D'OXYDATION HYDROTHERMALE POUR LE TRAITEMENT D'UNE MATIERE DANS UN MILIEU SUPERCRITIQUE ET PROCEDE DE MISE EN OEUVRE**
[72] RUIZ, JEAN CHRISTOPHE, FR
[72] TURC, HUBERT-ALEXANDRE, FR
[72] CHARTON, FREDERIC, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **CABLE MANAGEMENT DEVICE**
[54] **DISPOSITIF DE GESTION DE CABLE**
[72] WITHERBEE, MARTIN, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2015-07-10
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[51] **Int.Cl. A61B 17/28 (2006.01)**
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[54] **RIGID AND FLEXIBLE LAPAROSCOPIC TOOL SHAFTS AND METHODS USING SAME**
[54] **MANCHES D'OUTIL LAPAROSCOPIQUE RIGIDES ET SOUPLES ET LEURS PROCEDES D'UTILISATION**
[72] IGOV, IGOR, IL
[72] EPSTEIN, JONATAN, IL
[72] LORE, RAMI, IL
[72] LAVI, GILAD, IL
[71] TELEFLEX MEDICAL INCORPORATED, US
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[25] EN
[54] **IN VITRO DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO PANCREATIC ENDODERM CELLS (PEC) AND ENDOCRINE CELLS**
[54] **DIFFERENCIATION IN VITRO DE CELLULES SOUCHES PLURIPOTENTES EN DES CELLULES ENDODERMIQUES DU PANCREAS (PEC) ET CELLULES ENDOCRINE**
[72] AGULNICK, ALAN, US
[72] D'AMOUR, KEVIN, US
[71] VIACYTE, INC., US
[85] 2015-07-10
[86] 2014-03-13 (PCT/US2014/026529)
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[25] EN
[54] **SUBSTITUTED PYRROLOPYRIMIDINE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH**
[54] **COMPOSES DE TYPE PYRROLOPYRIMIDINE SUBSTITUEE, COMPOSITIONS EN CONTENANT ET METHODES DE TRAITEMENT FAISANT APPEL A EUX**
[72] CALABRESE, ANDREW ANTONY, US
[72] JEFFY, BRANDON, US
[72] ROBINSON, DALE, US
[72] ZHU, DAN, US
[72] HUANG, DEHUA, US
[72] ELSNER, JAN, US
[72] BOYLAN, JOHN, US
[72] TEHRANI, LIDA, US
[72] NAGY, MARK A., US
[72] RAHEJA, RAJ KUMAR, US
[72] ERDMAN, PAUL, US
[72] NARLA, RAMA K., US
[72] HARRIS, ROY L., US
[72] TRAN, TAM MINH, US
[72] RIGGS, JENNIFER, US
[72] NING, YUHONG, US
[72] XU, SHUICHAN, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
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[25] EN
[54] **RAPID CLEARANCE OF ANTIGEN COMPLEXES USING NOVEL ANTIBODIES**
[54] **ELIMINATION RAPIDE DE COMPLEXES ANTIGENIQUES A L'AIDE DE NOUVEAUX ANTICORPS**
[72] MOORE, GREGORY, US
[72] DESJARLAIS, JOHN, US
[72] BERNETT, MATTHEW, US
[71] XENCOR, INC., US
[85] 2015-07-10
[86] 2014-01-15 (PCT/US2014/011741)
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[30] US (61/752,955) 2013-01-15
[30] US (61/794,164) 2013-03-15
[30] US (61/794,386) 2013-03-15
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[54] **HYBRID METHOD FOR COLLISION AVOIDANCE AND OBJECT CARRIER MANAGEMENT**
[54] **PROCEDE HYBRIDE DE PREVENTION DES COLLISIONS ET GESTION DU TRANSPORT D'OBJETS**
[72] SACCO, DANIEL, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[25] EN
[54] **SYSTEMS, CATHETERS, AND RELATED METHODS FOR MAPPING, MINIMIZING, AND TREATING CARDIAC FIBRILLATION**
[54] **SYSTEMES, CATHETERS ET METHODES CONNEXES PERMETTANT DE REPRESENTER SUR UNE CARTE, REDUIRE AU MINIMUM ET TRAITER LA FIBRILLATION CARDIAQUE**
[72] SPECTOR, PETER S., US
[72] BATES, JOHN H., US
[71] UNIVERSITY OF VERMONT, US
[85] 2015-07-10
[86] 2014-01-16 (PCT/US2014/011866)
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[30] US (61/753,387) 2013-01-16
[30] US (13/844,710) 2013-03-15
[30] US (13/844,623) 2013-03-15
[30] US (13/844,753) 2013-03-15
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[51] **Int.Cl. B01J 27/32 (2006.01)**
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[54] **ACTIVATION AND REGENERATION OF FLUORINATION CATALYSTS**
[54] **ACTIVATION ET REGENERATION DE CATALYSEURS DE FLUORATION**
[72] SYVRET, ROBERT G., US
[72] JANNEY, PATRICK K., US
[72] SESHADRI, SRI R., US
[71] ARKEMA INC., US
[85] 2015-07-10
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[25] EN
[54] **ANTI-TNF AND ANTI-IL17 COMBINATION THERAPY BIOMARKERS FOR INFLAMMATORY DISEASE**
[54] **BIOMARQUEURS POUR POLYTHERAPIE ANTI-TNF ET ANTI-IL17 POUR MALADIE INFLAMMATOIRE**
[72] VOSS, JEFFREY W., US
[72] CUFF, CAROLYN A., US
[71] ABBVIE INC., US
[85] 2015-07-10
[86] 2014-01-21 (PCT/US2014/012364)
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[25] EN
[54] **PACKAGING SEALING SYSTEM AND A PACKAGING ASSEMBLY INCLUDING SUCH A SEALING SYSTEM**
[54] **SYSTEME D'ETANCHEITE D'EMBALLAGE ET ENSEMBLE EMBALLAGE COMPRENANT UN TEL SYSTEME D'ETANCHEITE**
[72] FREEDMAN, JONATHAN, US
[72] HUBER, DONALD LEE, US
[72] BUCHOLTZ, MICHAEL, US
[72] LECROY, RANDALL CHRISTOPHER, US
[71] CSP TECHNOLOGIES, INC., US
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[51] **Int.Cl. A61K 47/14 (2006.01) A61K 9/14 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **SOLID SOLUTION COMPOSITIONS AND USE IN SEVERE PAIN**
[54] **COMPOSITIONS DE SOLUTIONS SOLIDES ET UTILISATION DANS LA DOULEUR AIGUE**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] REILEY, RICHARD ROBERT, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[71] INFIRST HEALTHCARE LIMITED, GB
[85] 2015-07-13
[86] 2014-01-14 (PCT/EP2014/050638)
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[30] US (61/752,356) 2013-01-14
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[54] **DISPLAY OF AIRCRAFT ATTITUDE**
[54] **AFFICHAGE D'ATTITUDE D'AERONEF**
[72] VERNALEKEN, CHRISTOPH, DE
[72] OPITZ, MARCO, DE
[72] NEUJAHR, HARALD, DE
[72] FERREIRA, EUGENIO, FR
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
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[51] **Int.Cl. A61N 1/32 (2006.01)**
[25] EN
[54] **HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT**
[54] **DISPOSITIF PORTATIF POUR TRAITEMENT DE PEAU ALIMENTE EN ENERGIE**
[72] GIMELLI, BRUNO, CH
[72] DOYLE JAMES, N., JR., US
[71] SWISS SPA SYSTEM LTD., CN
[85] 2015-07-13
[86] 2014-01-16 (PCT/EP2014/000114)
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[30] DE (20 2013 000 390.1) 2013-01-16

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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/06 (2012.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **INVITATION-TO-BID MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'APPEL D'OFFRES**
[72] ALLIN, PATRICK J., US
[72] KHADIR, MATEEN, US
[72] TURRINELLI, FRANCO, US
[71] TEXTURA CORPORATION, US
[85] 2015-07-10
[86] 2014-01-22 (PCT/US2014/012522)
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[30] US (61/755,084) 2013-01-22
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[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **TIME DOMAIN LEVEL ADJUSTMENT FOR AUDIO SIGNAL DECODING OR ENCODING**
[54] **REGLAGE DE NIVEAU DE DOMAINE TEMPOREL POUR LE DECODAGE OU LE CODAGE DE SIGNAL AUDIO**
[72] SCHREINER, STEPHAN, DE
[72] BORSUM, ARNE, DE
[72] NEUSINGER, MATTHIAS, DE
[72] JANDER, MANUEL, DE
[72] LOHWASSER, MARKUS, DE
[72] NEUGEBAUER, BERNHARD, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FOERSCHUNG E.V., DE
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[51] **Int.Cl. A01C 23/04 (2006.01)**
[25] EN
[54] **CONTINUOUS DRY PARTICULATE MATTER INJECTION DEVICE FOR FERTIGATION APPLICATIONS**
[54] **DISPOSITIF D'INJECTION CONTINUE DE MATIERES PARTICULAIRES SECHES POUR DES APPLICATIONS DE FERTIGATION**
[72] FROGNER, TORE, NO
[72] HOIMYR, HAKON, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2015-07-13
[86] 2014-01-10 (PCT/EP2014/050376)
[87] (WO2014/108501)
[30] NO (20130074) 2013-01-14

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[25] EN
[54] **ARTICLES AND METHODS FOR RAPID THC DETECTION**
[54] **ARTICLES ET PROCEDES POUR LA DETECTION RAPIDE DE THC**
[72] CRICHLOW, RENEE MARIE BRENT, US
[71] THCER LLC, US
[85] 2015-07-10
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[30] US (61/758,630) 2013-01-30

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[51] **Int.Cl. F04D 17/12 (2006.01) F04D 27/02 (2006.01) F04D 29/46 (2006.01)**
[25] EN
[54] **COMPRESSOR UNIT WITH A VARIABLE AERODYNAMIC PROFILE**
[54] **UNITE DE COMPRESSEUR PRESENTANT UN PROFIL AERODYNAMIQUE VARIABLE**
[72] NAWROCKI, GILLES, FR
[72] GAUDEZ, PASCAL, FR
[71] THERMODYN SAS, FR
[85] 2015-07-13
[86] 2014-01-13 (PCT/EP2014/050428)
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[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **LOCK FOR DRUG INJECTION DEVICE**
[54] **VERROU POUR DISPOSITIF D'INJECTION DE MEDICAMENT**
[72] POULSEN, SVEN ERIK, DK
[72] OLESEN, JAN, DK
[72] PEDERSEN, CARSTEN, DK
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-07-13
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[25] EN
[54] **LAYERS OR THREE-DIMENSIONAL MOLDED ARTICLES HAVING TWO SECTIONS OF A DIFFERING PRIMARY AND/OR SECONDARY STRUCTURE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **COUCHES OU CORPS MOULES TRIDIMENSIONNELS COMPORTANT DEUX ZONES DE STRUCTURES PRIMAIRES ET/OU SECONDAIRES DIFFERENTES ET LEUR PROCEDE DE PRODUCTION**
[72] WOLTER, HERBERT, DE
[72] HOUBERTZ-KRAUSS, RUTH, DE
[71] MULTIPHOTON OPTICS GMBH, DE
[85] 2015-07-13
[86] 2014-01-13 (PCT/EP2014/050491)
[87] (WO2014/108538)
[30] DE (10 2013 100 313.3) 2013-01-11

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[51] **Int.Cl. G02B 6/138 (2006.01) B29C 67/00 (2006.01) C08G 77/28 (2006.01) C08L 83/16 (2006.01) C09D 183/16 (2006.01) G02B 6/122 (2006.01)**
[25] EN
[54] **LAYERS OR THREE-DIMENSIONAL MOLDED ARTICLES HAVING TWO AREAS OF A DIFFERING PRIMARY AND/OR SECONDARY STRUCTURE, METHOD FOR THE PRODUCTION THEREOF AND MATERIALS FOR CONDUCTING THISMETHOD**
[54] **COUCHES OU CORPS MOULES TRIDIMENSIONNELS COMPORTANT DEUX ZONES DE STRUCTURES PRIMAIRES ET/OU SECONDAIRES DIFFERENTES, PROCEDE DE PRODUCTION DU CORPS MOULE ET MATERIAUX POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] WOLTER, HERBERT, DE
[72] HOUBERTZ, RUTH, DE
[71] MULTIPHOTON OPTICS GMBH, DE
[85] 2015-07-13
[86] 2014-01-13 (PCT/EP2014/050514)
[87] (WO2014/108546)
[30] DE (10 2013 100 313.3) 2013-01-11
[30] DE (10 2013 104 600.2) 2013-05-06

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[13] A1
[51] **Int.Cl. B05C 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR THE WET TREATMENT OF SUBSTRATES AND USE**
[54] **DISPOSITIF DE TRAITEMENT PAR VOIE HUMIDE DE LA FACE INFERIEURE DE SUBSTRATS**
[72] MUECK, PHILIP, DE
[72] NIETHAMMER, MICHAEL, DE
[72] WEISSER, KAI, DE
[71] GEBR. SCHMID GMBH, DE
[85] 2015-07-13
[86] 2014-01-23 (PCT/EP2014/051319)
[87] (WO2014/122027)
[30] DE (10 2013 202 138.0) 2013-02-08

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[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/30 (2006.01)**
[25] EN
[54] **OXYTOCIN RECEPTOR AGONISTS FOR THE TREATMENT OF CNS DISEASES**
[54] **AGONISTES DU RECEPTEUR D'OXYTOCINE POUR LE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] BISSANTZ, CATERINA, FR
[72] GRUNDSCHOBER, CHRISTOPHE, CH
[72] NETTEKOVEN, MATTHIAS, DE
[72] PLANCHER, JEAN-MARC, FR
[72] VIFIAN, WALTER, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ADDITIVE FOR MASSES THAT SET HYDRAULICALLY**
[54] **ADDITIF POUR DES MASSES A PRISE HYDRAULIQUE**
[72] HESSE, CHRISTOPH, DE
[72] BICHLER, MANFRED, DE
[72] KRAUS, ALEXANDER, DE
[72] NICOLEAU, LUC, DE
[72] GAEDT, TORBEN, DE
[72] WINKLBAUER, MARTIN, DE
[71] BASF SE, DE
[85] 2015-07-13
[86] 2014-01-27 (PCT/EP2014/051494)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CHRONIC INFLAMMATION AND INFLAMMATORY DISEASES**
[54] **COMPOSITION ET METHODES DE TRAITEMENT DE L'INFLAMMATION CHRONIQUE ET DE MALADIES INFLAMMATOIRES**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[72] DILLY, SUZANNE JANE, GB
[72] PLEGUEZUELOS MATEO, OLGA, GB
[72] STOLOFF, GREGORY ALAN, GB
[71] INFIRST HEALTHCARE LIMITED, GB
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[25] EN
[54] **AMINE COMPOUNDS HAVING ANTI-INFLAMMATORY, ANTIFUNGAL, ANTIPARASITIC AND ANTICANCER ACTIVITY**
[54] **COMPOSES AMINE AYANT UNE ACTIVITE ANTI-INFLAMMATOIRE, ANTIFONGIQUE, ANTIPARASITAIRE ET ANTICANCEREUSE**
[72] SIMPSON, DAVID M., US
[72] ZERBY, DENNIS BRYAN, US
[72] LU, MING, US
[72] VON BORSTEL, REID W., US
[72] LI, RUI, US
[72] READING, JULIAN, US
[72] WOLPE, STEPHEN, US
[72] AMAN, NUREDDIN, US
[71] WELLSTAT THERAPEUTICS CORPORATION, US
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[54] **DRILLING ARRANGEMENT AND METHOD PERTAINING TO THE DRILLING ARRANGEMENT**
[54] **SYSTEME DE FORAGE ET PROCEDE Y RELATIF**
[72] KAMPE, ULF, SE
[72] JORMVIK, FREDRIK, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
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[25] EN
[54] **LAMINATE COMPACTION USING MAGNETIC FORCE**
[54] **COMPACTAGE DE STRATIFIE EFFECTUE A L'AIDE D'UNE FORCE MAGNETIQUE**
[72] CHILDRESS, JAMES J., US
[72] BAKER, ALAN W., US
[72] KLEWIADA, MARK, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **TOOL SAFETY STRAP**
[54] **ATTACHE DE SECURITE D'OUTIL**
[72] VOTEL, THOMAS, US
[72] BOHMBACH, NATE, US
[71] TENACIOUS HOLDINGS, INC., US
[85] 2015-07-13
[86] 2014-01-04 (PCT/US2014/010258)
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[25] EN
[54] **METHOD AND APPARATUS FOR REWORKING STRUCTURES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RETRAVAILLER DES STRUCTURES**
[72] HANKS, DENNIS J., US
[72] WOODS, JACK A., US
[71] THE BOEING COMPANY, US
[85] 2015-07-13
[86] 2014-01-06 (PCT/US2014/010290)
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[25] EN
[54] **NOISE FILLING CONCEPT**
[54] **CONCEPT D'INTRODUCTION DE BRUIT**
[72] DISCH, SASCHA, DE
[72] GAYER, MARC, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MARKOVIC, GORAN, DE
[72] LUIS VALERO, MARIA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-07-13
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[25] EN
[54] **ANDROGEN RECEPTOR MODULATOR AND USES THEREOF**
[54] **MODULATEUR DU RECEPTEUR DES ANDROGENES ET SES UTILISATIONS**
[72] CHEN, ISAN, US
[72] HAGER, JEFFREY H., US
[72] MANEVAL, EDNA CHOW, US
[72] HERBERT, MARK R., US
[72] SMITH, NICHOLAS D., US
[71] ARAGON PHARMACEUTICALS, INC., US
[85] 2015-07-13
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[25] EN
[54] **DIAPHRAGM CHECK VALVES AND METHODS OF MANUFACTURE THEREOF**
[54] **CLAPETS ANTI-RETOUR ET LEURS PROCEDES DE FABRICATION**
[72] TAI, YU-CHONG, US
[72] LI, PO-YING, US
[72] JIANG, FUKANG, US
[72] PANG, CHANGLIN, US
[72] BOUEY, NATASHA YVETTE, US
[72] CHOU, MAN TING, US
[72] LOTFI, ATOOSA, US
[71] MINIPUMPS, LLC, US
[71] TAI, YU-CHONG, US
[71] LI, PO-YING, US
[71] JIANG, FUKANG, US
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[71] CHOU, MAN TING, US
[71] LOTFI, ATOOSA, US
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[51] **Int.Cl. G10L 19/028 (2013.01)**
[25] EN
[54] **NOISE FILLING IN PERCEPTUAL TRANSFORM AUDIO CODING**
[54] **INTRODUCTION DE BRUIT DANS UN CODAGE AUDIO A TRANSFORMATION PERCEPTUELLE**
[72] DISCH, SASCHA, DE
[72] GAYER, MARC, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MARKOVIC, GORAN, DE
[72] LUIS VALERO, MARIA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. A61K 31/737 (2006.01)**
[25] EN
[54] **ANTI-LEUKOCYTE ADHESION FOR THE MITIGATION OF POTENTIAL ADVERSE EVENTS CAUSED BY CD3-SPECIFIC BINDING DOMAINS**
[54] **ANTI-ADHESION DE LEUCOCYTES POUR L'ATTENUATION D'EVENEMENTS INDESIRABLES POTENTIELS PROVOQUES PAR DES DOMAINES DE LIAISON SPECIFIQUES DE CD3**
[72] KLINGER, MATTHIAS, DE
[72] HOFFMANN, PATRICK, DE
[72] DOPFER, ELAINE-PASHUPATI, DE
[72] NAGORSEN, DIRK, DE
[72] SCHEELE, JUERGEN, DE
[72] ZUGMAIER, GERHARD, DE
[72] KUFER, PETER, DE
[72] NAEGELE, VIRGINIE, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[85] 2015-07-13
[86] 2014-02-07 (PCT/EP2014/052406)
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[25] EN
[54] **REFRACTORY IMPACT PAD**
[54] **PLAQUE D'AMORTISSEMENT REFRACTAIRE**
[72] HACKL, GERNOT, AT
[72] LUKESCH, GERNOT, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2015-07-13
[86] 2014-02-07 (PCT/EP2014/052433)
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[25] EN
[54] **TRACKING APPARATUS**
[54] **APPAREIL DE LOCALISATION**
[72] BRUINOOGE, ROD, CA
[72] BRUINOOGE, CHANTALE, CA
[72] FRIESEN, BLAKE, CA
[72] PETERSON, KRISTJAN, CA
[72] GIN, HOWARD, CA
[72] BARIL, RICK, CA
[71] 6317414 MANITOBA LTD., CA
[85] 2015-06-25
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[25] EN
[54] **EMULSIFIABLE CONCENTRATE COMPRISING PESTICIDE, ALKYL BENZOATE AND FATTY ACID AMIDE**
[54] **CONCENTRE EMULSIONNABLE COMPRENANT UN PESTICIDE, UN BENZOATE D'ALKYLE ET UN AMIDE D'ACIDE GRAS**
[72] MERTOGLU, MURAT, DE
[72] BECHTEL, STEFAN, DE
[72] ANNAWALD, NATASCHA, DE
[71] BASF SE, DE
[85] 2015-07-13
[86] 2014-02-28 (PCT/EP2014/053907)
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[30] US (61/778,636) 2013-03-13
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[54] **RIGID FOAM**
[54] **MOUSSE RIGIDE**
[72] JONES, CHARLES ELWOOD, US
[72] WISHNESKI, TODD WILLIAM, US
[71] BASF SE, DE
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[25] EN
[54] **NOZZLE AND FASTENING ELEMENT FOR FASTENING A MATERIAL LAYER**
[54] **DOUILLE ET ELEMENT DE FIXATION POUR FIXER UNE COUCHE DE MATERIAU**
[72] BORSBOOM, LUCAS, NL
[71] SFS INTEC HOLDING AG, CH
[85] 2015-07-13
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[25] EN
[54] **INTERACTIVE DISPLAY SYSTEM AND METHOD FOR USE WITH LOW EMISSIVITY GLASS USING INFRARED ILLUMINATION**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE INTERACTIF POUR UNE UTILISATION AVEC UN VERRE A FAIBLE EMISSIVITE EN UTILISANT UN RAYONNEMENT INFRAROUGE**
[72] ALSHINE, ILYA, US
[71] IMAGESURGE, INC., US
[85] 2015-07-13
[86] 2014-01-14 (PCT/US2014/011476)
[87] (WO2014/110570)
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[25] EN
[54] **HOT BEVERAGE MAKER AND BEVERAGE VESSEL WITH BEVERAGE LEVEL INDICATOR**
[54] **APPAREIL DE FABRICATION DE BOISSON CHAUDE ET RECIPIENT DE BOISSON A INDICATEUR DE NIVEAU DE BOISSON**
[72] FORTI, ERIC, US
[71] SUNBEAM PRODUCTS, INC., US
[85] 2015-07-13
[86] 2014-01-14 (PCT/US2014/011494)
[87] (WO2014/110576)
[30] US (61/752,060) 2013-01-14

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[51] **Int.Cl. A61K 35/644 (2015.01) A61K 33/14 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **HONEY NASAL RINSE**
[54] **RINCAGE NASAL AU MIEL**
[72] PARK, ROLAND CLIFFORD, US
[72] RAYL, KENNETH GENE, US
[72] ALEXANDER, IAN JOSEPH, US
[71] ENT ASSOCIATES OF LOS ALAMOS, LLC, US
[85] 2015-07-13
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[25] EN
[54] **AUTHENTICATION DEVICE & RELATED METHODS**
[54] **DISPOSITIF D'AUTHENTIFICATION ET PROCEDES ASSOCIES**
[72] PIKE, JUSTIN, GB
[71] LICENTIA GROUP LIMITED, GB
[71] MYPINPAD LIMITED, GB
[85] 2015-07-13
[86] 2014-01-07 (PCT/GB2014/050034)
[87] (WO2014/111689)
[30] GB (1300923.8) 2013-01-18
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[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR POWER GENERATION**
[54] **APPAREIL POUR LA PRODUCTION D'ENERGIE ELECTRIQUE**
[72] GREEN, ANNABEL, GB
[72] NALDRETT, GARTH, GB
[72] CRAWFORD, CALUM, GB
[72] HUNTER, JOHN, GB
[72] MCWHINNIE, IAN DAVID, GB
[72] COLLYER, TIM, GB
[71] TENDEKA B.V., GB
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[86] 2014-01-16 (PCT/GB2014/050117)
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[25] EN
[54] **USE OF ALPHA 7 NICOTINIC RECEPTOR AGONISTS FOR THE TREATMENT OF NARCOLEPSY**
[54] **UTILISATION D'AGONISTES DU RECEPTEUR NICOTINIQUE ALPHA 7 POUR LE TRAITEMENT DE LA NARCOLEPSIE**
[72] FENDT, MARKUS, CH
[72] FEUERBACH, DOMINIK, CH
[72] GOMEZ-MANCILLA, BALTAZAR, CH
[72] LOPEZ-LOPEZ, CRISTINA, CH
[72] MCALLISTER, KEVIN HALL, CH
[71] NOVARTIS AG, CH
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[25] EN
[54] **PUMP STATION**
[54] **STATION DE POMPAGE**
[72] REIMER, JENS, SE
[72] PORATH, PER, SE
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
[85] 2015-07-13
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[30] SE (1350040-0) 2013-01-14

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[25] EN
[54] **USE OF ALPHA 7 NICOTINIC ACETYLCHOLINE RECEPTOR AGONISTS**
[54] **UTILISATION D'AGONISTES DES RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE ALPHA 7**
[72] FENDT, MARKUS, CH
[72] FEUERBACH, DOMINIK, CH
[72] JOHNS, DONALD, US
[72] LOPEZ-LOPEZ, CRISTINA, CH
[72] MCALLISTER, KEVIN HALL, CH
[72] SOVAGO, JUDIT, CH
[72] WEISS, MARKUS, CH
[71] NOVARTIS AG, CH
[85] 2015-07-13
[86] 2014-01-13 (PCT/IB2014/058224)
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[25] EN
[54] **EASY ACCESS WOVEN PLASTIC BAGS**
[54] **SACS EN PLASTIQUE TISSES A ACCES FACILE**
[72] BAZBAZ, JACOBO, US
[72] ZAROLI, ALBERTO, US
[71] POLYTEX FIBERS CORPORATION, US
[85] 2015-07-13
[86] 2014-01-21 (PCT/US2014/012276)
[87] (WO2014/116567)
[30] US (61/755,322) 2013-01-22

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[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR PREPARATION OF LIPID NANOPARTICLES**
[54] **PROCEDES ET DISPOSITIFS POUR LA PREPARATION DE NANOPARTICULES LIPIDIQUES**
[72] ZHU, DE-MIN, US
[71] CUREPORT, INC., US
[85] 2015-07-10
[86] 2014-03-14 (PCT/US2014/027064)
[87] (WO2014/152200)
[30] US (61/791,054) 2013-03-15
[30] US (14/209,187) 2014-03-13

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[25] EN
[54] **METHOD AND SYSTEM FOR CONFIGURING SELECTION OF CONTEXTUAL DASHBOARDS**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE SELECTION DE TABLEAUX DE BORD CONTEXTUELS**
[72] VIDA, GABOR, CA
[72] MACKENZIE, STEPHEN, CA
[72] MACDONELL, ANTHONY, CA
[71] TEKNISION INC., CA
[85] 2015-07-13
[86] 2014-01-08 (PCT/CA2014/000001)
[87] (WO2014/107793)
[30] US (61/751,312) 2013-01-11

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61P 31/14 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **HETEROCYCLE-SUBSTITUTED TETRACYCLIC COMPOUNDS AND METHODS OF USE THEREOFFOR TREATMENT OF VIRAL DISEASES**
[54] **COMPOSES TETRACYCLIQUES SUBSTITUES PAR UN HETEROCYCLE ET PROCEDES POUR LES UTILISER POUR LE TRAITEMENT DE MALADIES VIRALES**
[72] YU, WENSHENG, US
[72] TONG, LING, US
[72] KOZLOWSKI, JOSEPH A., US
[72] SELYUTIN, OLEG, US
[72] CHEN, LEI, US
[72] KIM, JAE-HUN, US
[72] SHA, DEYOU, US
[72] RIZVI, RAZIA, US
[72] SHANKAR, BANDARPALLE, US
[72] HU, BIN, CN
[72] ZHONG, BIN, CN
[72] WANG, DAHAI, CN
[72] HAO, JINGLAI, CN
[72] WEI, WEI, CN
[72] JI, TAO, CN
[72] ZAN, SHUAI, CN
[71] MERCK SHARP & DOHME CORP., US
[85] 2015-07-13
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[30] CN (PCT/CN2013/000038) 2013-01-16

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[54] **PROCEDE ET DISPOSITIF D'INSPECTION DE PAQUET EN PROFONDEUR ET CO-PROCESSEUR**
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[72] MOSCOVICI, DANIEL, CN
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[54] **TRAITEMENT EFFICACE DE REQUETES AU MOYEN D'HISTOGRAMMES DANS UNE BASE DE DONNEES COLONNAIRE**
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[54] **AGRAFEUSE CHIRURGICALE AVEC COMPOSANTS REUTILISABLES**
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[72] WANG, FENG, CN
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[72] SELBE, JEAN-PIERRE, TH
[72] WEERASAK, WANNACHAI, TH
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[72] FINNEMA, SJOERD JOHANNES, SE
[72] HALLDIN, CHRISTER, SE
[72] JOHNS, DONALD, US
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[54] **DERIVES AMPHIPHILES DE COMPOSES TRIAZAMACROCYCLES, PRODUITS ET COMPOSITIONS LES COMPRENANT, LEURS PROCEDES DE SYNTHESE ET LEURS UTILISATIONS**
[72] MOUTARD, STEPHANE, FR
[72] DELAUZUN, VINCENT, FR
[72] MEUNIER, LAURENT, FR
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[54] **SYSTEME DE GESTION D'ENERGIE D'AERONEF POUR PILES A COMBUSTIBLE MULTI-FONCTIONS**
[72] LIBIS, JEAN-PAUL, FR
[72] MASSET, FRANCK, FR
[72] BRUNAUX, YANNICK, FR
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[54] **APPARATUS AND METHODS FOR HARNESSING OSMOTIC POTENTIAL AND METHODS OF MAKING AND USING SAME**
[54] **APPAREIL ET PROCEDE DE CAPTAGE DE POTENTIEL OSMOTIQUE, ET PROCEDES DE REALISATION ET D'UTILISATION CORRESPONDANTS**
[72] KELADA, MAHER, US
[71] KELADA, MAHER, US
[85] 2015-07-13
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[54] **VEHICLE CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE DE VEHICULE**
[72] IKEMOTO, MINORU, JP
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[54] **DISPOSITIF DE TRANSFERT DE CHARGE OU DE CONNEXION DESTINE A DES STRUCTURES DE CONFINEMENT CELLULAIRE DEPLOYEES ET LEURS PROCEDES DE FABRICATION**
[72] BACH, GARY M., US
[72] HANDLOS, WILLIAM G., US
[72] MCCONNELL, JEREMY A., US
[72] SCHNEIDER, CORY S., US
[72] WEDIN, BRYAN S., US
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[72] ESCARDO RAFFO, EDUARDO, US
[72] MURILLO, OSCAR, US
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[72] JUSTER, BERNARD, IL
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[54] **METHOD OF AEROBIC TREATMENT OF POULTRY MANURE AND APPARATUS FOR PRODUCING ORGANIC FERTILIZER**
[54] **PROCEDE DE TRAITEMENT AEROBIE DE FIENTES DE VOLAILLE ET APPAREIL DE PRODUCTION D'ENGRAIS ORGANIQUE**
[72] SHAIMUKHAMBETOVA, DAMIRA, CA
[71] 1867239 ONTARIO CORP., CA
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[54] **TECHNIQUES DE PRODUCTION DE PRODUITS CHLORES ET STRUCTURES DE CATHODE PREFABRIQUEE**
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[71] HYDRO-QUEBEC, CA
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[54] **DISPOSITIF ANTIVIBRATION**
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[72] MONZEN, TADAAKI, JP
[72] KUBO, ATSUSHI, JP
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[54] **LONGERON DE TORSION, ENSEMBLE LONGERON DE TORSION ET DISPOSITIF DE SUSPENSION DU TYPE A LONGERON DE TORSION**
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[54] **DISPOSITIF ET PROCEDE DE REDUCTION DU BRUIT DE QUANTIFICATION DANS UN DECODEUR DANS LE DOMAINE TEMPOREL**
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[72] JELINEK, MILAN, CA
[71] VOICEAGE CORPORATION, CA
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[54] **ENSEMBLE CONNECTEUR**
[72] MILLS, PATRICK WELLINGTON, US
[72] BENSHOFF, RICHARD GEORGE, US
[72] MCCORMICK, JAMES MICHAEL, US
[71] LABINAL, LLC, US
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[54] **CONFIGURATION LIAISON MONTANTE/LIAISON DESCENDANTE TDD DYNAMIQUE A L'AIDE DE DCI**
[72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER, DE
[72] LOEHR, JOACHIM, DE
[72] EINHAUS, MICHAEL, DE
[72] FENG, SUJUAN, DE
[72] OIZUMI, TORU, JP
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[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **PROCEDE ET APPAREIL POUR FABRICATION EN TROIS DIMENSIONS**
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[72] ERMOSHKIN, ALEXANDER, US
[72] SAMULSKI, EDWARD T., US
[71] CARBON3D, INC., US
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[30] US (61/763,746) 2013-02-12
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[54] **PEPTIDES WT-1 IMMUNOGENES ET LEURS PROCEDES D'UTILISATION**
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[72] DAO, TAO, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **NOUVELLES PROTEINES HETERODIMERES**
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[72] MOORE, GREGORY, US
[72] RASHID, RUMANA, US
[72] BERNETT, MATTHEW J., US
[71] XENCOR, INC., US
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[54] **FEUILLE DE DONNEES POUR DOCUMENT DE SECURITE ET/OU DE VALEUR**
[72] PUDLEINER, HEINZ, DE
[72] TZIOVARAS, GEORGIOS, DE
[72] YESILDAG, CENGIZ, DE
[72] TROLENBERG, STEFAN, DE
[72] FISCHER, JORG, DE
[72] PEINZE, FRANZISKA, DE
[71] BAYER MATERIAL SCIENCE AG, DE
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[54] **UNAUTHORIZED PRODUCT DETECTION TECHNIQUES**
[54] **TECHNIQUES DE DETECTION DE PRODUIT NON AUTORISE**
[72] HERRINGTON, DOUGLAS JAMES, US
[72] MEVAWALLA, SHEHZAD, US
[72] CHOPRA, RAJIV, US
[72] SIROSH, JOSEPH, US
[72] CHOUKSEY, SACHIN, US
[72] RENZ, MARIA CHRISTINE, US
[72] WOOD, SARAH ANN, US
[72] BEZOS, JEFFREY P., US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-13
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[54] **METHOD AND APPARATUS FOR THREE-DIMENSIONAL FABRICATION WITH FEED THROUGH CARRIER**
[54] **PROCEDE ET APPAREIL POUR FABRICATION TRIDIMENSIONNELLE AVEC SUPPORT DE TRAVERSEE**
[72] DESIMONE, JOSEPH M., US
[72] ERMOSHKIN, ALEXANDER, US
[72] ERMOSHKIN, NIKITA, US
[72] SAMULSKI, EDWARD T., US
[71] CARBON3D, INC., US
[85] 2015-07-13
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[54] **ORNAMENTAL COMPONENT WITH LINING**
[54] **COMPOSANT DECORATIF AVEC DOUBLURE**
[72] GRAY, LEE ANTONY, DK
[72] SELBE, JEAN-PIERRE, TH
[72] WEERASAK, WANNACHAI, TH
[71] PANDORA A/S, DK
[71] PANDORA PRODUCTION CO., LTD., TH
[85] 2015-07-14
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[54] **INTERNALLY COOLED INTERNAL COMBUSTION ENGINE AND METHOD THEREOF**
[54] **MOTEUR A COMBUSTION INTERNE REFROIDI INTERIEUREMENT ET PROCEDE ASSOCIE**
[72] MULYE, NIRMAL, US
[71] MULYE, NIRMAL, US
[85] 2015-07-13
[86] 2014-01-17 (PCT/US2014/012035)
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[54] **CONTINUOUS LIQUID INTERPHASE PRINTING**
[54] **IMPRESSION A INTERFACE LIQUIDE CONTINUE**
[72] DESIMONE, JOSEPH M., US
[72] ERMOSHKIN, ALEXANDER, US
[72] ERMOSHKIN, NIKITA, US
[72] SAMULSKI, EDWARD T., US
[71] CARBON3D, INC., US
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[25] EN
[54] **ANTIVIRAL COMPOUNDS**
[54] **COMPOSES ANTIVIRAUX**
[72] BILOTTA, JOSEPH ANTHONY, US
[72] CHEN, ZHI, US
[72] CHI, FENG, US
[72] CHIN, ELBERT, US
[72] DING, QINGJIE, US
[72] ERICKSON, SHAWN DAVID, US
[72] GABRIEL, STEPHEN DEEMS, US
[72] JIANG, NAN, US
[72] KOCER, BUELENT, DE
[72] MERTZ, ERIC, US
[72] PLANCHER, JEAN-MARC, FR
[72] WEIKERT, ROBERT JAMES, CH
[72] ZHANG, JING, US
[72] ZHANG, QIANG, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-07-14
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[25] EN
[54] **STABILIZING SORBIC ACID OR BENZOIC ACID IN SYRUPS AND FINISHED BEVERAGES**
[54] **STABILISATION DE L'ACIDE SORBIQUE OU DE L'ACIDE BENZOIQUE DANS LES SIROPS ET LES BOISSONS FINIES**
[72] ZHANG, NAIJIE, US
[72] MUTILANGI, WILLIAM, US
[71] PEPSICO, INC., US
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[54] **ADAPTATEUR**
[72] MAIER, JOHANNES, DE
[72] PANGRITZ, VOLKER, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **RENFORCEMENT DE LA QUALITE DE LA VAPEUR**
[72] BOOL, LAWRENCE E., US
[72] BONAQUIST, DANTE P., US
[72] ST. JAMES, MICHAEL, CA
[72] DRNEVICH, RAYMOND F., US
[72] ZANFIR, MONICA, US
[71] PRAXAIR TECHNOLOGY, INC., US
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[25] EN
[54] **A METHOD FOR DETERMINING ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) RELATED BIOMARKERS, A METHOD TO MONITOR THE DEVELOPMENT AND TREATMENT OF ARDS IN A PATIENT**
[54] **PROCEDE POUR DETERMINER DES BIOMARQUEURS LIES AU SYNDROME DE DETRESSE RESPIRATOIRE AIGUE (SDRA), PROCEDE POUR SUIVRE LE DEVELOPPEMENT ET LE TRAITEMENT DU SDRA CHEZ UN PATIENT**
[72] MAKSIMOW, MIKAEL, FI
[72] SALMI, MARKO, FI
[72] JALKANEN, MARKKU, FI
[72] JALKANEN, SIRPA, FI
[71] FARON PHARMACEUTICALS OY, FI
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[54] **METHOD AND APPARATUS FOR BUILDING A USER PROFILE, FOR PERSONALIZATION USING INTERACTION DATA, AND FOR GENERATING, IDENTIFYING, AND CAPTURING USER DATA ACROSS INTERACTIONS USING UNIQUE USER IDENTIFICATION**
[54] **PROCEDE ET APPAREIL POUR EDIFIER UN PROFIL D'UTILISATEUR, POUR UNE PERSONNALISATION A L'AIDE DE DONNEES D'INTERACTION, ET POUR GENERER, IDENTIFIER ET CAPTURER DES DONNEES D'UTILISATEUR A TRAVERS DES INTERACTIONS A L'AIDE D'UNE IDENTIFICATION D'UTILISATEUR UNIQUE**
[72] KANNAN, PALLIPURAM V., US
[72] VIJAYARAGHAVAN, RAVI, IN
[72] ADUSUMILLI, KRANTHI MITRA, IN
[71] 24/7 CUSTOMER, INC., US
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[86] 2014-01-23 (PCT/US2014/012760)
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[54] **CANCER DRUGS AND USES**
[54] **MEDICAMENT CONTRE LE CANCER ET UTILISATIONS**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] STOLOFF, GREGORY ALAN, GB
[71] HEALTH CLINICS LIMITED, GB
[85] 2015-07-14
[86] 2014-01-14 (PCT/EP2014/050635)
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[25] EN
[54] **DETERMINING USER DEVICE'S STARTING LOCATION**
[54] **DETERMINATION DE L'EMPLACEMENT DE DEPART D'UN DISPOSITIF UTILISATEUR**
[72] ZHAO, CHUNSHUI, US
[72] DING, HUAN, US
[72] LI, FAN, US
[72] ZHAO, JUN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **PROCEDE DE PREPARATION D'UN COMPOSE DE PYRIPYROPENE**
[72] BONNEKESSEL, MELANIE, DE
[72] REICHERT, WOLFGANG, DE
[72] HOOCK, RALF, DE
[72] KAEDING, THOMAS, DE
[72] KORADIN, CHRISTOPHER, DE
[72] PLETSCH, ANDREAS, DE
[72] EHRESMANN, MANFRED, DE
[72] SCHRODER, HARTWIG, DE
[71] BASF SE, DE
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[54] **ENCLOSURE FOR RECHARGEABLE BATTERIES**
[54] **ENCEINTE POUR BATTERIES RECHARGEABLES**
[72] JONES, KELLY T., US
[71] THE BOEING COMPANY, US
[85] 2015-07-13
[86] 2014-03-01 (PCT/US2014/019711)
[87] (WO2014/131063)
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[54] **CELLULE DE CHARGE AMELIOREE**
[72] JOHNSON, THOMAS H., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2015-07-13
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[51] **Int.Cl. G01G 21/23 (2006.01)**
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[54] **IMPROVED SENSOR MOUNTING BRACKET**
[54] **SUPPORT DE MONTAGE DE CAPTEUR AMELIORE**
[72] JOHNSON, THOMAS H., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2015-07-13
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[54] **IMPROVED SENSOR MOUNTING BRACKET**
[54] **SUPPORT DE MONTAGE DE CAPTEUR AMELIORE**
[72] JOHNSON, THOMAS H., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **IMPROVED WEIGH SCALE**
[54] **BALANCE DE PESAGE AMELIOREE**
[72] JOHNSON, THOMAS H., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2015-07-13
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[54] **FOLLISTATIN IN TREATING DUCHENNE MUSCULAR DYSTROPHY**
[54] **FOLLISTATINE DANS LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] MINEAU, ROCHELLE, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2015-07-13
[86] 2014-01-24 (PCT/US2014/012996)
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[54] **COMPOSITIONS COMPRISING HYPOXIA INDUCIBLE FACTOR-1 ALPHA AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS COMPRENANT UN FACTEUR -1 ALPHA INDUCTIBLE PAR L'HYPOXIE ET METHODES D'UTILISATION CORRESPONDANTES**
[72] WEINER, DAVID, US
[72] MUTHUMANI, KARUPPIAH, US
[72] MOHLER, EMILE, US
[72] OUMA, GEOFFREY, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **CONSTRUCTION PANEL FOR INSTALLATION ON A FRAMEWORK**
[54] **PANNEAU DE CONSTRUCTION POUR INSTALLATION SUR UN EDIFICE**
[72] ROBERT, ERIC, FR
[71] PLACOPLATRE, FR
[85] 2015-07-14
[86] 2014-01-15 (PCT/EP2014/050717)
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[25] EN
[54] **FLUID REGULATOR WITH INTEGRATED RAPID PRESSURIZATION BYPASS VALVE**
[54] **REGULATEUR DE FLUIDE AVEC VANNE DE DERIVATION DE PRESSURISATION RAPIDE INTEGREE**
[72] LARSEN, TODD WILLIAM, US
[72] KIRCHNER, CHAD RAY, US
[72] MUIR, GORDON CAMERON, US
[71] TESCOM CORPORATION, US
[85] 2015-07-13
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[25] EN
[54] **LOW DENSITY HIGH IMPACT RESISTANT COMPOSITION AND METHOD OF FORMING**
[54] **COMPOSITION BASSE DENSITE HAUTEMENT RESISTANTE A L'IMPACT ET SON PROCEDE DE FABRICATION**
[72] PRINCE, JACK RAYMOND, US
[71] REVOLUTIONARY PLASTICS, LLC, US
[85] 2015-04-10
[86] 2012-11-27 (PCT/US2012/066641)
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[54] **CANCER VACCINES AND METHODS OF TREATMENT USING THE SAME**
[54] **VACCINS ANTICANCEREUX ET METHODES DE TRAITEMENT LES UTILISANT**
[72] WEINER, DAVID, US
[72] MUTHUMANI, KARUPPIAH, US
[72] WALTERS, JEWELL, US
[72] YAN, JIAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **DYNAMIC MANAGEMENT OF HETEROGENEOUS MEMORY**
[54] **GESTION DYNAMIQUE DE MEMOIRE HETEROGENE**
[72] LEE, BRIAN, US
[72] TREMBLAY, MARC, US
[72] BOND, BARRY, US
[72] SADOVSKY, VLAD, US
[72] RAMBERG, MARK JOHN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **FACTOR 1 PROTEIN, FACTOR 2 PROTEIN AND INHIBITORS THEREOF FOR USE IN TREATING OR PREVENTING DISEASES**
[54] **PROTEINE DU FACTEUR 1, PROTEINE DU FACTEUR 2 ET LEURS INHIBITEURS DESTINES A ETRE UTILISES DANS LE TRAITEMENT OU LA PREVENTION DE MALADIES**
[72] WOLLERT, KAI CHRISTOPH, DE
[72] KORF-KLINGEBIEL, MORTIMER, DE
[71] MEDIZINISCHE HOCHESCHULE HANNOVER, GB
[85] 2015-07-14
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[25] EN
[54] **METHOD AND ARRANGEMENT FOR REDUCING AUTOFLASH AND SLURRY CARRYOVER IN AUTOCLAVE FLASH SYSTEMS**
[54] **PROCEDE ET AGENCEMENT PERMETTANT DE REDUIRE LA DETENTE AUTOMATIQUE ET LE TRANSFERT DE BOUILLIE DANS DES SYSTEMES DE DETENTE D'AUTOCLAVE**
[72] O'CALLAGHAN, JOHN, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2015-07-14
[86] 2014-02-07 (PCT/FI2014/050090)
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[54] **VACCINS COMPRENANT DES ADJUVANTS BIOMOLECULAIRES**
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[72] MUTHUMANI, KARUPPIAH, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **SYNTHETIC IMMUNOGENS FOR PROPHYLAXIS OR TREATMENT OF TUBERCULOSIS**
[54] **IMMUNOGENES DE SYNTHESE POUR LA PROPHYLAXIE OU LE TRAITEMENT DE LA TUBERCULOSE**
[72] WEINER, DAVID B., US
[72] VILLARREAL, DANIEL, US
[71] THE TRUSTEES OF THE UNIVERISTY OF PENNSYLVANIA, US
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[54] **PROCEDE ET APPAREIL DE PULVERISATION DE SURFACES DE SOL**
[72] SWAN, TREVOR WILLIAM BARTLETT, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[71] HYPRO EU LIMITED, GB
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[54] **BALANCING SCREW, DEVICE AND METHOD FOR A ROTATING PART OF A TURBINE ENGINE**
[54] **VIS, DISPOSITIF ET PROCEDE D'EQUILIBRAGE POUR PIECE TOURNANTE DE TURBOMACHINE**
[72] LE STRAT, JEAN-LUC, FR
[72] POHIER, HERVE, FR
[72] THORY, ROMAIN JEAN-LOUIS ROBERT, FR
[71] SNECMA, FR
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[54] **METHODS OF MITIGATING BITUMINOUS MATERIAL ADHESION USING NANO-PARTICLES**
[54] **PROCEDES D'ATTENUATION DE L'ADHERENCE DE MATIERE BITUMINEUSE EN UTILISANT DE NANOPARTICULES**
[72] HALL, LEE J., US
[72] LIVANEC, PHILIP W., US
[71] HALLIBURTON ENERGY SERVICES, INC, US
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[54] **SYSTEME D'ANALYSE MODULAIRE**
[72] JIN WONG, KEN, GB
[72] WILLIAMS, DAVID HUGH, GB
[72] MCELARNEY, IAIN, GB
[72] GILLIES, ELIZABETH, GB
[71] MAST GROUP LIMITED, GB
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[54] **INTERFACE DE CASSETTE CHIRURGICALE DE PRE-ALIGNEMENT**
[72] ROSS, MARK W., US
[71] ABBOTT MEDICAL OPTICS INC., US
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[54] **GRID-CONNECTED INDUCTION MACHINE WITH CONTROLLABLE POWER FACTOR**
[54] **MACHINE A INDUCTION CONNECTEE AU RESEAU ELECTRIQUE ET DONT LE FACTEUR DE PUISSANCE PEUT ETRE COMMANDE**
[72] SALMON, JOHN, CA
[72] KNIGHT, ANDREW, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **A BLISTER PIERCING ELEMENT FOR A DRY POWDER INHALER**
[54] **ELEMENT DE PERCAGE DE PLAQUETTE THERMOFORMEE POUR INHALATEUR A POUDRE SECHE**
[72] WILSON, PETER, GB
[72] MELINIOTIS, ANDREAS, GB
[71] VECTURA DELIVERY DEVICES LIMITED, GB
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[54] **DISPLACEMENT HULL FORM NOT SUBJECT TO THE LIMITATION OF HULL SPEED**
[54] **FORME DE CARENE A DEPLACEMENT N'ETANT PAS LIMITEE PAR LA VITESSE DE CARENE**
[72] JANSEN, ROBERT, US
[71] JANSEN, ROBERT, US
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[54] **INTEGRATION D'UN CLAPET A BILLE DANS UN DISPOSITIF DE REGULATION D'AMENEE**
[72] LOPEZ, JEAN MARC, US
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[54] **INCREASED DOSAGE OF EFAVIRENZ FOR THE TREATMENT OF CANCER**
[54] **DOSAGE ACCRU D'EFAVIRENZ POUR LE TRAITEMENT DU CANCER**
[72] PIAZZA, PIER VINCENZO, FR
[72] HOUEDE, NADINE, FR
[72] LAROCHE-CLARY, AUDREY, FR
[71] ALIENOR FARMA, FR
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[54] **METHODS AND COMPOSITIONS FOR RADIOHALOGEN PROTEIN LABELING**
[54] **PROCEDES ET COMPOSITIONS POUR LE MARQUAGE DE PROTEINE PAR UN RADIOHALOGENE**
[72] BOSWELL, CHARLES ANDREW, US
[72] KHAWLI, LESLIE, US
[72] MARIK, JAN, US
[72] WILLIAMS, SIMON, US
[71] GENENTECH INC., US
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[54] **FAMILLE DE PEPTIDES SYNTHETIQUES SE LIANT A DES POLYNUCLEOTIDES ET LEURS UTILISATIONS**
[72] DANIEL, DIANNE C., US
[72] JOHNSON, EDWARD M., US
[71] DANIEL, DIANNE C., US
[71] EASTERN VIRGINIA MEDICAL SCHOOL, US
[71] JOHNSON, EDWARD M., US
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[54] **COUVERCLE POUR DISPOSITIF MOBILE COMPORTANT UN BRIQUET ECOLOGIQUE**
[72] SELA, SAGI, IL
[72] SHARIPOV, ELI, IL
[72] AMSHIKASHVILI, SHALVA, IL
[71] SELA, SAGI, IL
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[54] **PROCESS FOR DETECTION OF DNA MODIFICATIONS AND PROTEIN BINDING BY SINGLE MOLECULE MANIPULATION**
[54] **PROCEDE DE DETECTION DE MODIFICATIONS D'ADN ET DE LIAISON DE PROTEINE PAR UNE SEULE MANIPULATION MOLECULAIRE**
[72] BENSIMON, DAVID, FR
[72] CROQUETTE, VINCENT, FR
[72] GOUET, HAROLD, FR
[72] ALLEMAND, JEAN-FRANCOIS, FR
[72] DING, FANG-YUAN, US
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIC (CNRS), FR
[71] ECOLE NORMALE SUPERIEURE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
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[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE ALVEOLAIRE DE FORME COURBEE EN MATERIAU COMPOSITE**
[54] **METHOD FOR PRODUCING A CURVED HONEYCOMB STRUCTURE MADE FROM COMPOSITE MATERIAL**
[72] FOUQUET, STEPHANIE, FR
[72] JIMENEZ, SEBASTIEN, FR
[72] PHILIPPE, ERIC, FR
[72] CHARLEUX, FRANCOIS, FR
[71] HERAKLES, FR
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[25] FR
[54] **PROCEDE DE FABRICATION D'UN PANNEAU CERAMIQUE D'ATTENUATION ACOUSTIQUE DE FORME COURBEE**
[54] **METHOD FOR THE PRODUCTION OF A CURVED CERAMIC SOUND ATTENUATION PANEL**
[72] FOUQUET, STEPHANIE, FR
[72] JIMENEZ, SEBASTIEN, FR
[72] PHILIPPE, ERIC, FR
[72] GOULLIANE, EDDY, FR
[71] HERAKLES, FR
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[54] **PROCEDE ET INSTALLATION DE BROYAGE D'UN MATERIAU DE DEPART EN MORCEAUX**
[72] BURCHARDT, EGBERT, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
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[54] **BOITIER COMPORTANT UN JOINT DE SOUDAGE PAR ROTATION**
[72] HERMANN, WOLF, DE
[72] SCHWARZ, NORMEN, DE
[71] R. STAHL SCHALTGERATE GMBH, DE
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[54] **POLYCRYSTALLINE SILICON DEPOSITION METHOD**
[54] **PROCEDE SERVANT A DEPOSER DU SILICIUM POLYCRISTALLIN**
[72] KLOSE, GORAN, DE
[72] KRAUS, HEINZ, DE
[72] WEISS, TOBIAS, DE
[71] WACKER CHEMIE AG, DE
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[54] **ELEMENT DE BLOCAGE POUR VEHICULE A MOTEUR**
[72] BRICKNER, ROBERT L., US
[72] PETTENGILL, ROBERT S., US
[71] KIEKERT AKTIENGESELLSCHAFT, DE
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[54] **N-HETEROARYL SUBSTITUTED ANILINE DERIVATIVES AS HCV-ANTIVIRALS**
[54] **DERIVES D'ANILINE A SUBSTITUTION N-HETEOARYLE COMME ANTI-VHC**
[72] PLANCHER, JEAN-MARC, FR
[72] WEIKERT, ROBERT JAMES, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **CORDE A TORON A FAIBLE FROTTEMENT**
[72] PADILLA, LUIS S., US
[72] BULL, PHILIP SAMUEL, GB
[72] LONGERICH, RANDY S., US
[72] VODNICK, AARON M., US
[71] ACTUANT CORPORATION, US
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[54] **COMMANDE HYDRAULIQUE A DISTANCE D'OUTILS EN FOND DE TROU**
[72] HARDIN, JOHN RANSFORD, JR., US
[72] WINSLOW, DANIEL M., US
[72] LASSOIE, JEAN-PIERRE, BE
[72] MOURARET, NICOLAS, BE
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER UN ENSEMBLE DE FACTEURS D'INTERPOLATION**
[72] RAJENDRAN, VIVEK, US
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[71] QUALCOMM INCORPORATED, US
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[54] **CAPSULE FOR MAKING BEVERAGES**
[54] **CAPSULE POUR PREPARER DES BOISSONS**
[72] ACCURSI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
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[54] **CAPSULE FOR MAKING BEVERAGES**
[54] **CAPSULE PERMETTANT DE PREPARER DES BOISSONS**
[72] ACCURSI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2015-07-14
[86] 2014-01-31 (PCT/IB2014/058706)
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[54] **MOTEUR A RAPPORT DE COMPRESSION VARIABLE**
[72] BLACKSTOCK, SCOTT, US
[71] BLACKSTOCK, SCOTT, US
[85] 2015-07-14
[86] 2013-10-30 (PCT/US2013/067552)
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[30] US (61/720,113) 2012-10-30
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[25] EN
[54] **A CATALYST AND A PROCESS FOR CATALYTIC CONVERSION OF CARBON DIOXIDE-CONTAINING GAS AND HYDROGEN STREAMS TO HYDROCARBONS**
[54] **CATALYSEUR ET PROCEDE POUR LA CONVERSION CATALYTIQUE DE COURANTS D'HYDROGENE ET DE GAZ CONTENANT DU DIOXYDE DE CARBONE EN HYDROCARBURES**
[72] LANDAU, MIRON, IL
[72] HERSKOWITZ, MORDECHAI, IL
[72] VIDRUK, ROKSANA, IL
[71] B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY, IL
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[54] **MESURE DE L'OXYDE NITRIQUE DANS UN FLUIDE**
[72] BLOMBERG, SCOTT EVERETT, US
[72] PETERSON, MARK LOUIS, US
[72] FRANEY, AMANDA MARIE, US
[71] LIFEHEALTH, LLC, US
[85] 2015-07-14
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[54] **EXTENSEURS DE TISSU IMPLANTABLE HUMAIN**
[72] GLICKSMAN, AMI, IL
[71] IMPLITE LTD., IL
[85] 2015-07-14
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[54] **AMORPHOUS CALCIUM CARBONATE FOR ACCELERATED BONE GROWTH**
[54] **CARBONATE DE CALCIUM AMORPHE POUR CROISSANCE OSSEUSE ACCELEREE**
[72] MEIRON, OREN, IL
[72] SHALTIEL-GOLD, GALIT, IL
[72] DANIELY, MICHAL, IL
[71] AMORPHICAL LTD., IL
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[54] **VALVE AND FILTER SYSTEM FOR A GRAVITY FEED SPRAY CONTAINER**
[54] **SYSTEME DE VANNE ET DE FILTRE POUR UN RECIPIENT DE PULVERISATION A ALIMENTATION PAR GRAVITE**
[72] BIERIE, WILLIAM K., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2015-07-14
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[25] EN
[54] **REPROGRAMMING OF HUMAN ENDOTHELIUM INTO HEMATOPOIETIC MULTI-LINEAGE PROGENITORS BY DEFINED FACTORS**
[54] **REPROGRAMMATION DE L'ENDOTHELIUM HUMAIN EN CELLULES PROGENITRICES HEMATOPOIETIQUES MULTILIGNEE AU MOYEN DE FACTEURS DETERMINES**
[72] SANDLER, VLADISLAV M., US
[72] RAFFII, SHAHIN, US
[71] CORNELL UNIVERSITY, US
[85] 2015-07-14
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[54] **PNEUMATIQUE**
[72] NOMURA, TSUTOMU, JP
[71] BRIDGESTONE CORPORATION, JP
[85] 2015-07-14
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[54] **BIODEGRADABLE SOIL SENSOR, SYSTEM AND METHOD**
[54] **CAPTEUR BIODEGRADABLE DE SOL, SYSTEME ET PROCEDE**
[72] BAUER-REICH, CHERISH, US
[72] HOEY, JUSTIN, US
[72] SAILER, ROBERT, US
[72] SCHNECK, NATHAN, US
[72] ULVEN, CHAD, US
[71] NDSU RESEARCH FOUNDATION, US
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[54] **RELAY APPARATUS, RELAY SATELLITE, AND SATELLITE COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE RELAIS, SATELLITE RELAIS, ET SYSTEME DE COMMUNICATION PAR SATELLITE**
[72] FUJIMURA, AKINORI, JP
[72] SASAKI, TSUYOSHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-07-14
[86] 2014-01-10 (PCT/JP2014/050359)
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[54] **COMPLEXES D'ACIDE NUCLEIQUE CAS9 ET LEURS UTILISATIONS**
[72] WEISS, DAVID S., US
[72] GRAKOUI, ARASH, US
[72] SAMPSON, TIMOTHY, US
[72] PRICE, ARYN ALAINE, US
[71] EMORY UNIVERSITY, US
[85] 2015-07-14
[86] 2014-01-15 (PCT/US2014/011716)
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[54] **LOW GLOSS, AIR PERMEABLE, ABRASION RESISTANT, PRINTABLE LAMINATE CONTAINING AN ASYMMETRIC MEMBRANE AND ARTICLES MADE THEREFROM**
[54] **STRATIFIE DE FAIBLE BRILLANCE, PERMEABLE A L'AIR, RESISTANT A L'ABRASION, IMPRIMABLE, RENFERMANT UNE MEMBRANE ASYMETRIQUE ET ARTICLES OBTENUS A PARTIR DE CELUI-CI**
[72] HODGINS, MICHAEL E., US
[72] SKAIFE, JUSTIN J., US
[72] LUBER, DAVID J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-07-14
[86] 2014-01-09 (PCT/US2014/010767)
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[54] **WINDOW SCREEN WITH BLIND FUNCTION**
[54] **MOUSTIQUAIRE POUR FENETRE DOTEE D'UNE FONCTION DE STORE**
[72] SASAKI, FUMIO, JP
[72] SAWAGUCHI, NAOTO, JP
[71] SEIKI JUKO CO., LTD., JP
[85] 2015-07-14
[86] 2014-01-20 (PCT/JP2014/050979)
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[54] **AUTOMATIC TIRE LOADER/UNLOADER FOR STACKING/UNSTACKING TIRES IN A TRAILER**
[54] **DISPOSITIF AUTOMATIQUE DE CHARGEMENT/DECHARGEMEN T DE PNEUS POUR EMPILER/DESEMPILER DES PNEUS DANS UNE REMORQUE**
[72] CRISWELL, TIM, US
[71] WYNRIGHT CORPORATION, US
[85] 2015-07-14
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[25] EN
[54] **DISTRIBUTED ACOUSTIC MONITORING VIA TIME-SHEARED INCOHERENT FREQUENCY DOMAIN REFLECTOMETRY**
[54] **SURVEILLANCE ACOUSTIQUE DISTRIBUEE PAR REFLECTOMETRIE INCOHERENTE DANS LE DOMAINE FREQUENTIEL A DECALAGE TEMPOREL**
[72] DUNCAN, ROGER GLEN, US
[72] RAUM, MATTHEW THOMAS, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-07-14
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[25] EN
[54] **BATTERY CONTROL DEVICE, BATTERY CONTROL SUPPORT DEVICE, BATTERY CONTROL SYSTEM, BATTERY CONTROL METHOD, BATTERY CONTROL SUPPORT METHOD, AND RECORDING MEDIUM**
[54] **DISPOSITIF DE COMMANDE DE BATTERIE, DISPOSITIF D'ASSISTANCE DE COMMANDE DE BATTERIE, SYSTEME DE COMMANDE DE BATTERIE, PROCEDE DE COMMANDE DE BATTERIE, PROCEDE D'ASSISTANCE DE COMMANDE DE BATTERIE, ET SUPPORT D'ENREGISTREMENT**
[72] KUDO, KOJI, JP
[72] SAKUMA, HISATO, JP
[72] YANO, HITOSHI, JP
[72] AOKI, KAZUHIKO, JP
[72] YANAGITA, YOSHIHO, JP
[72] IWASAKI, YUMA, JP
[72] HASHIMOTO, RYO, JP
[72] SANEYOSHI, EISUKE, JP
[72] TOIZUMI TAKAHIRO, JP
[71] NEC CORPORATION, JP
[85] 2015-07-14
[86] 2014-02-06 (PCT/JP2014/052766)
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[54] **FUEL DISPENSING SYSTEM WITH HEATING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE CARBURANT AVEC SYSTEME DE CHAUFFAGE**
[72] LARSSON, BENGT INGEMAR, SE
[72] ZIMMERMANN, HARRY, DE
[71] WAYNE FUELING SYSTEMS LLC, US
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[25] EN
[54] **CONVERSION OF ASPHALTENIC PITCH WITHIN AN EBULLATED BED RESIDUUM HYDROCRACKING PROCESS**
[54] **CONVERSION DE BRAI D'ASPHALTENE DANS UN PROCEDE D'HYDROCRAQUAGE DE RESIDUUM EN LIT BOUILLONNANT**
[72] MUKHERJEE, UJJAL K., US
[72] BALDASSARI, MARIO C., US
[72] GREENE, MARVIN I., US
[71] LUMMUS TECHNOLOGY INC., US
[85] 2015-07-14
[86] 2014-01-10 (PCT/US2014/011022)
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[25] EN
[54] **METHOD FOR DETERMINING FRACTURE NETWORK VOLUME USING PASSIVE SEISMIC SIGNALS**
[54] **PROCEDE POUR DETERMINER UN VOLUME DE RESEAU DE FRACTURES A L'AIDE DE SIGNAUX SISMIQUES PASSIFS**
[72] MCKENNA, JONATHAN P., US
[71] MICROSEISMIC, INC., US
[85] 2015-07-14
[86] 2014-01-13 (PCT/US2014/011194)
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[54] **AJUSTEMENT D'INCREMENTS SUR LA BASE D'UNE VARIABLE**
[72] UNETICH, MICHAEL, US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2015-07-14
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[51] **Int.Cl. H02J 3/32 (2006.01)**
[25] EN
[54] **BATTERY CONTROL DEVICE, BATTERY CONTROL SYSTEM, BATTERY CONTROL METHOD, AND RECORDING MEDIUM**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE COMMANDE DE BATTERIE ET SUPPORT D'ENREGISTREMENT**
[72] KUDO, KOJI, JP
[72] SAKUMA, HISATO, JP
[71] NEC CORPORATION, JP
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[54] **MEMBRANE ELECTRODE ASSEMBLY AND MEMBRANE ELECTRODE ASSEMBLY MANUFACTURING METHOD**
[54] **ENSEMBLE MEMBRANE-ELECTRODE ET PROCEDE DE FABRICATION D'ENSEMBLE MEMBRANE-ELECTRODE**
[72] YAMAMOTO, MASAYA, JP
[72] KASHIMA, HISASHI, JP
[72] HORIBE, NORIFUMI, JP
[72] TOYOSHIMA, KENICHI, JP
[72] NOMURA, TOMOYA, JP
[72] TAKANE, TOMOYUKI, JP
[72] KOUNO, AYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[71] W.L. GORE & ASSOCIATES, CO., LTD., JP
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[54] **IMPLANTABLE TRANSIENT NERVE STIMULATION DEVICE**
[54] **DISPOSITIF EPHEMERE DE STIMULATION NERVEUSE IMPLANTABLE**
[72] CAMPBELL, A. STEWART, US
[72] ROBERTS, CARMICHAEL S., US
[72] ROGERS, JOHN A., US
[72] POIRIER, CHRISTOPHER, US
[72] MANOCCHI, AMY, US
[72] HARBURG, DANIEL, US
[71] TRANSIENT ELECTRONICS, INC., US
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[25] EN
[54] **PROTEIN COMBINATION-BASED FV LIBRARY, AND PREPARATION METHOD THEREFOR**
[54] **BANQUE DE FV BASEE SUR UNE COMBINAISON DE PROTEINES, ET PROCEDE POUR LA PREPARER**
[72] SONG, BYEONG DOO, KR
[72] YUN, JEE SUN, KR
[72] LEE, SONG YI, KR
[72] KIM, HYE IN, KR
[72] CHOI, HYO JUNG, KR
[72] CHOI, JONG RIP, KR
[71] SCRIPPS KOREA ANTIBODY INSTITUTE, KR
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[25] EN
[54] **METHODS OF REFURBISHING AN ADHERED COMPONENT AND COMPOSITES COMPRISING ADHERED COMPONENTS**
[54] **PROCEDES DE RECONDITIONNEMENT D'UN COMPOSANT COLLE ET COMPOSITES COMPRENANT DES COMPOSANTS COLLES**
[72] FRACCHIA, CARLOS A., US
[72] SEWELL, TERRY A., US
[72] RHODES, CHARLES A., US
[71] THE BOEING COMPANY, US
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[54] **DISPOSITIF DE FORAGE ET PROCEDE DE MAINTIEN D'UN TRAIN DE TIGES**
[72] JORMVIK, FREDRIK, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2015-07-14
[86] 2014-02-25 (PCT/SE2014/050231)
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[25] EN
[54] **DNAZYME FOR SILENCING THE EXPRESSION OF EGFR**
[54] **ADN A ACTIVITE CATALYTIQUE SERVANT A SUPPRIMER L'EXPRESSION DE L'EGFR**
[72] YANG, PAN-CHYR, TW
[72] LAI, WEI-YUN, TW
[72] PECK, KONAN, CN
[71] ACADEMIA SINICA, CN
[71] NATIONAL TAIWAN UNIVERSITY, TW
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[25] EN
[54] **METHODS, DEVICES, AND SYSTEMS FOR MEASURING PHYSICAL PROPERTIES OF FLUID**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES PERMETTANT DE MESURER LES PROPRIETES PHYSIQUES D'UN FLUIDE**
[72] ABHISHEK, RAMKUMAR, US
[72] YOSHIMIZU, NORIMASA, US
[71] ABRAM SCIENTIFIC, INC., US
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[51] **Int.Cl. G06F 7/08 (2006.01)**
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[54] **APPARATUS AND METHODS FOR CONDUCTING ATM TRANSACTIONS**
[54] **APPAREILS ET PROCEDES POUR EFFECTUER DES TRANSACTIONS DE GAB**
[72] PIERCE, TERRY, US
[72] HERZINGER-SNIDER, KATHY, US
[71] CO-OP FINANCIAL SERVICES, US
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[54] **DETECTION D'UN DISPOSITIF TRANSACTIONNEL**
[72] BERTHIAUD, OLIVIER, FR
[72] ROSSIGNOL, MICHEL, FR
[71] INGENICO GROUP, FR
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PESTS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES ORGANISMES NUISIBLES**
[72] LELAND, JARROD, US
[72] HIRATSUKA, KOJI, US
[72] KELLAR, KENNETH EDMUND, US
[71] NOVOZYMES BIOAG A/S, DK
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[54] **TRANSACTION TOKEN ISSUING AUTHORITIES**
[54] **AUTORITES EMETTANT UN JETON DE TRANSACTION**
[72] LARACEY, KEVIN, US
[71] PAYPAL, INC., US
[85] 2015-07-14
[86] 2014-01-30 (PCT/US2014/013955)
[87] (WO2014/130222)
[30] US (61/758,543) 2013-01-30

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[25] EN
[54] **APPARATUS AND METHOD FOR REMOVING NOISE FROM A BIOELECTRICAL SIGNAL**
[54] **APPAREIL ET PROCEDE D'ELIMINATION DU BRUIT D'UN SIGNAL BIOELECTRIQUE**
[72] PATEL, PARAG, US
[72] YOUNGQUIST, MICHAEL, US
[71] MOLECULAR DEVICES, LLC, US
[85] 2015-07-14
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[30] US (13/757,604) 2013-02-01

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[25] EN
[54] **ELONGATED GEARED TURBOFAN WITH HIGH BYPASS RATIO**
[54] **REACTEUR A DOUBLE FLUX A ENGRENAGES ALLONGE PRESENTANT RAPPORT DE DERIVATION ELEVE**
[72] SCHWARZ, FREDERICK M., US
[72] MALECKI, ROBERT E., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-07-14
[86] 2014-02-03 (PCT/US2014/014367)
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[30] US (61/761,359) 2013-02-06
[30] US (13/792,303) 2013-03-11

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[25] EN
[54] **MOTOR AND ROTOR CATCH ASSEMBLY**
[54] **ENSEMBLE MOTEUR ET TAQUET DE ROTOR**
[72] CONNELL, MICHAEL L., US
[72] FERGUSON, ANDREW M., US
[72] SCHULTZ, ROGER L., US
[72] FEARS, BRETT A., US
[72] FARKAS, ROBERT J., US
[71] THRU TUBING SOLUTIONS, INC., US
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[54] **REGENERATION OF SPINAL DISCS**
[54] **REGENERATION DE DISQUES INTERVERTEBRAUX**
[72] FLOOD, MARK, US
[71] LASER SPINE INSTITUTE, LLC, US
[85] 2015-07-14
[86] 2014-02-03 (PCT/US2014/014404)
[87] (WO2014/123803)
[30] US (13/762,471) 2013-02-08

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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **ARTIFICIAL TEARS COMPRISING SODIUM HYALURONATE AND CARBOXYMETHYLCELLULOSE**
[54] **LARMES ARTIFICIELLES COMPORTANT DE L'HYALURONATE DE SODIUM ET DE LA CARBOXYMETHYLCELLULOSE**
[72] BEARD, BERETH J., US
[72] BLANDA, WENDY M., US
[72] MARSH, DAVID A., US
[72] SIMMONS, PETER A., US
[72] VEHIGE, JOSEPH G., US
[72] HAIXIA, LIU, US
[72] MATSUMOTO, STEVEN S., US
[71] ALLERGAN, INC., US
[85] 2015-07-14
[86] 2014-02-03 (PCT/US2014/014505)
[87] (WO2014/121232)
[30] US (61/759,710) 2013-02-01
[30] US (61/785,857) 2013-03-14

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[13] A1
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **FLUID FLOW DURING LANDING OF LOGGING TOOLS IN BOTTOM HOLE ASSEMBLY**
[54] **ECOULEMENT DE FLUIDE PENDANT LA MISE EN PLACE D'OUTILS DE DIAGRAPHIE DANS UN ENSEMBLE DE FOND**
[72] HRAMETZ, ANDREW ALBERT, US
[72] MISRA, ARABINDA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-14
[86] 2014-02-04 (PCT/US2014/014606)
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[30] US (61/766,224) 2013-02-19

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[13] A1
[51] **Int.Cl. H04B 7/02 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD OF TRANSMIT POWER CONTROL FOR WIRELESS COMMUNICATION**
[54] **APPAREIL, SYSTEME ET PROCEDE DE REGULATION DE PUISSANCE D'EMISSION POUR UNE COMMUNICATION SANS FIL**
[72] MALTSEV, ALEXANDER, RU
[72] SADRI, ALI S., US
[72] PUDEYEV, ANDREY, RU
[72] NICHOLLS, RICHARD B., US
[71] INTEL CORPORATION, US
[85] 2015-07-14
[86] 2014-02-06 (PCT/US2014/015015)
[87] (WO2014/126773)
[30] US (61/765,363) 2013-02-15
[30] US (13/870,105) 2013-04-25

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[51] **Int.Cl. G01F 23/00 (2006.01)**
[25] EN
[54] **DISPLACEMENT LEVEL SENSOR AND SEAL AND PIVOT ASSEMBLY FOR DISPLACEMENT LEVEL SENSOR**
[54] **CAPTEUR DE NIVEAU DE DEPLACEMENT ET ENSEMBLE JOINT D'ETANCHEITE ET PIVOT POUR CAPTEUR DE NIVEAU DE DEPLACEMENT**
[72] BURLAGE, BRIAN J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-07-14
[86] 2014-02-11 (PCT/US2014/015666)
[87] (WO2014/124410)
[30] US (13/764,112) 2013-02-11

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[51] **Int.Cl. B29C 70/14 (2006.01) B29C 70/38 (2006.01)**
[25] EN
[54] **FORMING COMPOSITE FEATURES USING STEERED DISCONTINUOUS FIBER PRE-PREG**
[54] **FORMATION D'ELEMENTS COMPOSITES A L'AIDE D'UN PRE-IMPREGNE A FIBRES DISCONTINUES ORIENTEES**
[72] GRIESS, KENNETH H., US
[72] VETTER, DEREK P., US
[72] GRAVES, MICHAEL J., US
[71] THE BOEING COMPANY, US
[85] 2015-07-14
[86] 2014-02-14 (PCT/US2014/016533)
[87] (WO2014/137568)
[30] US (13/789,965) 2013-03-08

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[13] A1
[51] **Int.Cl. H01M 8/24 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL STACK COMPRESSION SYSTEM**
[54] **SYSTEME DE COMPRESSION D'EMPILEMENT ELECTROCHIMIQUE**
[72] BLANCHET, SCOTT, US
[72] DOMIT, EDWARD, US
[72] LAWRIE, DUNCAN, US
[71] NUVERA FUEL CELLS, INC., US
[85] 2015-07-14
[86] 2014-02-19 (PCT/US2014/017195)
[87] (WO2014/137601)
[30] US (61/775,068) 2013-03-08

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[13] A1
[51] **Int.Cl. C12P 19/00 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **METHODS OF SACCHARIFYING AND FERMENTING A CELLULOSIC MATERIAL**
[54] **PROCEDES DE SACCHARIFICATION ET DE FERMENTATION D'UN MATERIAU CELLULOSIQUE**
[72] FRICKMANN, JESPER, US
[72] GASPAR, ARMINDO RIBIERO, US
[72] STEVENS, MARK, US
[72] XU, HUI, US
[72] JOHANSEN, KATJA SALOMON, DK
[71] NOVOZYMES A/S, DK
[85] 2015-07-14
[86] 2014-02-21 (PCT/US2014/017690)
[87] (WO2014/130812)
[30] US (61/767,488) 2013-02-21
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[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/00 (2006.01) H01M 8/10 (2006.01) H01M 8/18 (2006.01) H01M 8/24 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL HAVING A CASCADE SEAL CONFIGURATION AND HYDROGEN RECLAMATION**
[54] **CELLULE ELECTROCHIMIQUE A CONFIGURATION DE JOINTS EN CASCADE ET RECUPERATION D'HYDROGENE**
[72] DOMIT, EDWARD, US
[72] BLANCHET, SCOTT, US
[72] VAN BOEYEN, ROGER, US
[72] BEVERAGE, KEVIN, US
[71] NUVERA FUEL CELLS, INC., US
[85] 2015-07-14
[86] 2014-02-27 (PCT/US2014/018996)
[87] (WO2014/134295)
[30] US (61/770,538) 2013-02-28

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[13] A1
[51] **Int.Cl. C10G 21/12 (2006.01) C10G 29/20 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING HEAVY METALS FROM OILY SOLIDS**
[54] **PROCESSUS, PROCEDE ET SYSTEME POUR ELIMINER LES METAUX LOURDS A PARTIR DE SOLIDES HUILEUX**
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[72] TAO, FAN-SHENG TEDDY, US
[72] HOBBS, RONALD, US
[72] ODUEYUNGBO, SEYI ABIODUN, US
[72] GRICE, KEVIN JOHN, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-07-14
[86] 2014-03-04 (PCT/US2014/020289)
[87] (WO2014/158808)
[30] US (13/804,172) 2013-03-14
[30] US (13/804,430) 2013-03-14
[30] US (13/804,662) 2013-03-14

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[51] **Int.Cl. C10G 31/09 (2006.01) C01G 17/00 (2006.01) C10G 29/00 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING HEAVY METALS FROM FLUIDS**
[54] **PROCESSUS, PROCEDE ET SYSTEME POUR ELIMINER DES METAUX LOURDS A PARTIR DE FLUIDES**
[72] COOPER, RUSSELL EVAN, US
[72] O'REAR, DENNIS JOHN, US
[72] YEAN, SUJIN, US
[72] ODUEYUNGBO, SEYI ABIODUN, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-07-14
[86] 2014-03-04 (PCT/US2014/020298)
[87] (WO2014/158810)
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[13] A1
[51] **Int.Cl. H01M 10/656 (2014.01) H01M 10/613 (2014.01)**
[25] EN
[54] **FLUID BATH COOLED ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE REFROIDI PAR UN BAIN DE FLUIDE**
[72] YOUNGS, DANIEL J., US
[72] SILVA, JORGE E., US
[72] BASS, EDWARD, US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-14
[86] 2014-03-05 (PCT/US2014/020572)
[87] (WO2014/158857)
[30] US (61/781,406) 2013-03-14

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[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/295 (2006.01) A61K 48/00 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **INFLUENZA NUCLEIC ACID MOLECULES AND VACCINES MADE THEREFROM**
[54] **MOLECULES D'ACIDE NUCLEIQUE DE GRIPPE ET VACCINS FABRIQUES A PARTIR DE CES DERNIERES**
[72] WEINER, DAVID, US
[72] YAN, JIAN, US
[72] MORROW, MATTHEW, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2015-07-14
[86] 2014-03-12 (PCT/US2014/024363)
[87] (WO2014/150835)
[30] US (61/787,182) 2013-03-15

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **VACCINES HAVING AN ANTIGEN AND INTERLEUKIN-23 AS AN ADJUVANT**
[54] **VACCINS POSSEDANT UN ANTIGENE ET UNE INTERLEUKINE-23 FORMANT ADJUVANT**
[72] WEINER, DAVID, US
[72] MORROW, MATTHEW, US
[72] YAN, JIAN, US
[72] FERRARO, BERNADETTE, US
[72] HOKEY, DAVID, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2015-07-14
[86] 2014-03-13 (PCT/US2014/025348)
[87] (WO2014/151279)
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[25] EN
[54] **MFAP4 BINDING ANTIBODIES BLOCKING THE INTERACTION BETWEEN MFAP4 AND INTEGRIN RECEPTORS**
[54] **ANTICORPS LIANT MFAP4 QUI BLOQUENT L'INTERACTION ENTRE MFAP4 ET LES RECEPTEURS D'INTEGRINE**
[72] SOERENSEN, GRITH LYKKE, DK
[72] SCHLOSSER, ANDERS, DK
[72] HOLMSKOV, UFFE, DK
[71] SYDDANSK UNIVERSITET, DK
[85] 2015-07-15
[86] 2014-01-22 (PCT/DK2014/050011)
[87] (WO2014/114298)
[30] DK (PA 2013 70033) 2013-01-23
[30] US (61/755,484) 2013-01-23

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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY RADIATION-INDUCED TRIGGERING FOR SET-ON-COMMAND COMPOSITIONS AND METHODS OF USE**
[54] **DECLENCHEMENT INDUIT PAR RAYONNEMENT A HAUTE EFFICACITE POUR COMPOSITIONS A DURCISSEMENT SUR COMMANDE ET METHODES D'UTILISATION ASSOCIEES**
[72] BALDASARO, NICHOLAS, US
[72] GUPTA, VIJAY, US
[72] LEWIS, SAMUEL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-14
[86] 2014-10-23 (PCT/US2014/061996)
[87] (WO2015/099875)
[30] US (14/139,112) 2013-12-23

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[51] **Int.Cl. B60D 1/02 (2006.01)**
[25] EN
[54] **DRAW BAR**
[54] **BARRE D'ATTELAGE**
[72] SCHARMULLER, JOSEF, AT
[72] SCHARMULLER, JOSEF JUN., AT
[71] SCHARMULLER, JOSEF, AT
[71] SCHARMULLER, JOSEF JUN., AT
[85] 2015-07-15
[86] 2014-01-15 (PCT/AT2014/000008)
[87] (WO2014/110609)
[30] AT (A 35/2013) 2013-01-17

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[13] A1
[51] **Int.Cl. H01M 10/0563 (2010.01) H01M 10/052 (2010.01) H01M 4/587 (2010.01) H01M 10/0525 (2010.01) H01M 10/054 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **ELECTROLYTE FOR AN ELECTROCHEMICAL BATTERY CELL AND BATTERY CELL CONTAINING THE ELECTROLYTE**
[54] **ELECTROLYTE POUR ELEMENT DE BATTERIE ELECTROCHIMIQUE ET ELEMENT DE BATTERIE CONTENANT L'ELECTROLYTE**
[72] ZINCK, LAURENT, FR
[72] PSZOLLA, CHRISTIAN, DE
[72] DAMBACH, CLAUS, DE
[71] ALEVO RESEARCH AG, CH
[85] 2015-07-15
[86] 2013-02-07 (PCT/EP2013/000366)
[87] (WO2014/121803)

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[51] **Int.Cl. A61K 51/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RADIOPHARMACEUTICAL PRODUCTS FOR DIAGNOSIS AND THERAPY OF ADRENAL CARCINOMA**
[54] **PRODUITS RADIOPHARMACEUTIQUES POUR LE DIAGNOSTIC ET LA THERAPIE D'UN CARCINOME SURRENALIEN**
[72] ALLOLIO, BRUNO, DE
[72] SCHIRBEL, ANDREAS, DE
[72] HAHNER, STEFANIE, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
[85] 2015-07-15
[86] 2013-09-26 (PCT/EP2013/002887)
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[30] EP (12006734.3) 2012-09-27

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[13] A1
[51] **Int.Cl. B61D 17/12 (2006.01)**
[25] EN
[54] **MOUNTING A RAIL VEHICLE COMPONENT ON A BODY ROOF OF A RAIL VEHICLE BODY**
[54] **FIXATION D'UN ELEMENT DE VEHICULE FERROVIAIRE SUR UN TOIT D'UNE CAISSE DE VEHICULE FERROVIAIRE**
[72] CALOMFIRESCU, MIHAIL, DE
[72] BUCHHOLTZ-STIEGLITZ, ANJA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-15
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[87] (WO2014/111224)
[30] DE (10 2013 200 628.4) 2013-01-17

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING DEVICE COMPRISING MULTIPLE SOLID-LIQUID PHASE-CHANGE MATERIALS**
[54] **DISPOSITIF DE PRODUCTION D'AEROSOL COMPRENANT DE MULTIPLES MATERIAUX A CHANGEMENT DE PHASE SOLIDE-LIQUIDE**
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] FARINE, MARIE, CH
[72] ROWE, CHRISTOPHER JAMES, GB
[72] CANE, MICHAEL ROGER, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2015-07-15
[86] 2013-12-23 (PCT/EP2013/077890)
[87] (WO2014/139611)
[30] EP (13159401.2) 2013-03-15

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **CONTAINER HAVING A BASE AND A LID**
[54] **RECIPIENT POSSEDANT UNE BASE ET UN COUVERCLE**
[72] BEARDSALL, PHILIP, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
[85] 2015-07-15
[86] 2014-02-11 (PCT/EP2014/052653)
[87] (WO2014/124939)
[30] EP (13155026.1) 2013-02-13
[30] US (61/763,976) 2013-02-13

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[13] A1
[51] **Int.Cl. B60D 1/00 (2006.01) B60D 1/04 (2006.01) B60D 1/26 (2006.01)**
[25] EN
[54] **REMOTE RELEASE MECHANISM FOR TOW FITTING**
[54] **MECANISME DE LIBERATION A DISTANCE POUR UN ACCESSOIRE DE REMORQUAGE**
[72] KNOX, HOWARD T., US
[71] ANCRA INTERNATIONAL LLC, US
[85] 2015-07-14
[86] 2014-01-16 (PCT/US2014/011803)
[87] (WO2014/116492)
[30] US (61/755,446) 2013-01-22

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[13] A1
[51] **Int.Cl. B32B 5/18 (2006.01) B32B 15/08 (2006.01) B32B 27/06 (2006.01)**
[25] EN
[54] **INCISED COMPOSITE MATERIAL FOR SELECTIVE MULTISPECTRAL REFLECTION**
[54] **MATERIAU COMPOSITE INCISE POUR REFLEXION MULTISPECTRALE SELECTIVE**
[72] WILLIAMS, NEIL R., US
[72] CULLER, GREGORY D., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-07-14
[86] 2014-01-17 (PCT/US2014/012001)
[87] (WO2014/113644)
[30] US (61/754,291) 2013-01-18
[30] US (14/157,217) 2014-01-16

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[13] A1
[51] **Int.Cl. F24F 7/08 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR EXHAUSTING AIR**
[54] **APPAREIL D'EVACUATION D'AIR**
[72] BADENHORST, SEAN MICHAEL JOHL, AU
[72] HARRIS, KEVIN, AU
[71] FUSION HVAC PTY LIMITED, AU
[85] 2015-07-15
[86] 2013-02-18 (PCT/AU2013/000137)
[87] (WO2014/110618)
[30] AU (2013900121) 2013-01-15

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[13] A1
[51] **Int.Cl. B01D 61/14 (2006.01) B01D 63/06 (2006.01) B01D 69/04 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **PROCESS FOR FILTRATION HOMOPOLYSACCHARIDES**
[54] **PROCEDE DE FILTRATION D'HOMOPOLYSACCHARIDES**
[72] THERRE, JOERG, DE
[72] VOS, HARTWIG, DE
[72] KAEPPLER, TOBIAS, DE
[72] ROLLIE, SASCHA, DE
[72] FREYER, STEPHAN, DE
[72] LEONHARDT, BERND, DE
[71] WINTERSHALL HOLDING GMBH, DE
[85] 2015-07-15
[86] 2014-02-26 (PCT/EP2014/053747)
[87] (WO2014/135417)
[30] US (61/772,569) 2013-03-05
[30] EP (13157826.2) 2013-03-05

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[13] A1
[51] **Int.Cl. A61N 1/362 (2006.01) A61N 1/05 (2006.01) A61N 1/368 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING CARDIAC RESYNCHRONIZATION THERAPY (CRT)**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION D'UNE THERAPIE DE RESYNCHRONISATION CARDIAQUE (TRC)**
[72] ATWATER, BRETT D., US
[71] DUKE UNIVERSITY, US
[85] 2015-07-14
[86] 2014-01-20 (PCT/US2014/012185)
[87] (WO2014/116535)
[30] US (61/755,016) 2013-01-22

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[13] A1
[51] **Int.Cl. B63B 35/32 (2006.01) E02B 15/10 (2006.01)**
[25] FR
[54] **SHIP FOR RECOVERING OCEAN WASTE**
[54] **NAVIRE RECUPERATEUR DE DECHETS OCEANIQUES**
[72] MENARD, SERGE, FR
[71] MENARD, SERGE, FR
[85] 2015-07-15
[86] 2014-01-16 (PCT/EP2014/000111)
[87] (WO2014/111258)
[30] FR (1300080) 2013-01-16
[30] FR (1300393) 2013-02-21

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[13] A1
[51] **Int.Cl. B23K 26/00 (2014.01) B23K 26/06 (2014.01) B23K 26/067 (2006.01) B23K 26/40 (2014.01) C03B 33/09 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR LASER-BASED MACHINING OF FLAT SUBSTRATES**
[54] **PROCEDE ET DISPOSITIF D'USINAGE AU LASER DE SUBSTRATS PLANS**
[72] GRUNDMULLER, RICHARD, DE
[72] SCHILLINGER, HELMUT, DE
[71] CORNING LASER TECHNOLOGIES GMBH, DE
[85] 2015-07-15
[86] 2014-01-14 (PCT/EP2014/050610)
[87] (WO2014/111385)
[30] EP (13151296.4) 2013-01-15
[30] US (61/752,489) 2013-01-15

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[13] A1
[51] **Int.Cl. C08F 8/50 (2006.01) C08J 11/10 (2006.01)**
[25] EN
[54] **CATALYTIC DEPOLYMERISATION OF POLYMERIC MATERIALS**
[54] **DEPOLYMERISATION CATALYTIQUE DE MATERIAUX POLYMERES**
[72] KUMAR, ANIL, IN
[72] KUMAR, PUSHKAR, CA
[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA
[85] 2015-07-15
[86] 2013-01-17 (PCT/CA2013/000041)
[87] (WO2014/110644)

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[13] A1
[51] **Int.Cl. H01M 10/0565 (2010.01) B29C 43/24 (2006.01) B32B 37/10 (2006.01) B32B 41/00 (2006.01)**
[25] FR
[54] **ROLLING DEVICE, ROLLING METHOD, RESULTING ELECTROLYTE FILM, AND POWER STORAGE ASSEMBLY FORMED FROM AT LEAST ONE THUS-ROLLED FILM**
[54] **DISPOSITIF DE LAMINAGE, PROCEDE DE LAMINAGE, FILM D'ELECTROLYTE AINSI OBTENU ET ENSEMBLE DE STOCKAGE D'ENERGIE FORME A PARTIR D'AU MOINS UN FILM AINSI LAMINE**
[72] LE GAL, GUY, FR
[71] BLUE SOLUTIONS, FR
[85] 2015-07-15
[86] 2014-01-17 (PCT/EP2014/050911)
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[30] FR (1350473) 2013-01-18

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) B01J 31/24 (2006.01) C07B 53/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF CHIRAL BETA AMINO ACID DERIVATIVES USING ASYMMETRIC HYDROGENATION CATALYSTS**
[54] **PROCEDES DE PREPARATION DE DERIVES D'ACIDES AMINES BETA CHIRAUX UTILISANT DES CATALYSEURS D'HYDROGENATION ASYMETRIQUES**
[72] ABDUR-RASHID, KAMALUDDIN, CA
[72] GUO, RONGWEI, CA
[72] CHEN, XUANHUA, CA
[72] HORNE, STEPHEN E., CA
[71] APOTEX INC., CA
[85] 2015-07-15
[86] 2014-01-14 (PCT/CA2014/000013)
[87] (WO2014/113869)
[30] US (61/755,290) 2013-01-22

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[51] **Int.Cl. B26D 7/12 (2006.01)**
[25] EN
[54] **CUTTING BLADE HAVING A CHANGING CUTTING ANGLE**
[54] **LAME COUPANTE A ANGLE DE COUPE VARIABLE**
[72] MULLER, RALF-PETER, DE
[72] SCHNEID, FLORIAN, DE
[72] HORBERG, WINFRIED, DE
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
[85] 2015-07-15
[86] 2014-01-20 (PCT/EP2014/050983)
[87] (WO2014/114579)
[30] DE (10 2013 201 230.6) 2013-01-25

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[51] **Int.Cl. F04B 53/10 (2006.01) E21B 34/12 (2006.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) F16K 3/24 (2006.01)**
[25] EN
[54] **ANTI-GAS LOCK VALVE FOR A RECIPROCATING DOWNHOLE PUMP**
[54] **SOUPAPE ANTIBLOCAGE DE GAZ POUR UNE POMPE DE FOND A MOUVEMENT ALTERNATIF**
[72] DOWNING, DONALD, US
[71] INNOVATIVE OILFIELD CONSULTANTS LTD., CA
[85] 2015-07-15
[86] 2014-01-17 (PCT/CA2014/050032)
[87] (WO2014/110681)
[30] US (61/753,494) 2013-01-17

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TNF-ALPHA ANTIGEN-BINDING PROTEINS**
[54] **PROTEINES DE LIAISON A L'ANTIGENE TNF-ALPHA**
[72] CROTTS, GEORGE, US
[72] MORAR-MITRICA, SORINA, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2015-07-15
[86] 2014-01-22 (PCT/EP2014/051160)
[87] (WO2014/114651)
[30] US (61/756,135) 2013-01-24

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[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL WRENCH**
[54] **CLE BIDIRECTIONNELLE**
[72] WANG, MIN, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2015-07-15
[86] 2013-01-18 (PCT/CN2013/070641)
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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SUCTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION**
[72] ANDERSEN, BJARNE, DK
[72] BRINGSVED, MALIN, SE
[72] FRANTZICH, SOFIA, SE
[72] JOHANNISON, ULF, SE
[72] UVEBORN, JOHAN, SE
[72] VIDEBAEK, KARSTEN, DK
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2015-07-15
[86] 2014-01-28 (PCT/EP2014/051562)
[87] (WO2014/114804)
[30] EP (13152841.6) 2013-01-28
[30] US (61/757,242) 2013-01-28

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[13] A1
[51] **Int.Cl. G10L 15/193 (2013.01) G10L 15/00 (2013.01) G10L 15/28 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC SPEECH RECOGNITION**
[54] **PROCEDE ET SYSTEME DE RECONNAISSANCE VOCALE AUTOMATIQUE**
[72] YUE, SHUAI, CN
[72] LU, LI, CN
[72] ZHANG, XIANG, CN
[72] XIE, DADONG, CN
[72] CHEN, BO, CN
[72] RAO, FENG, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-07-15
[86] 2013-11-26 (PCT/CN2013/087816)
[87] (WO2014/117577)
[30] CN (201310037464.5) 2013-01-30

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[51] **Int.Cl. C08G 69/26 (2006.01) C07C 51/41 (2006.01) C07C 209/68 (2006.01) C07C 211/09 (2006.01) C07C 211/12 (2006.01) C08G 69/30 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A POLYAMIDE**
[54] **PROCEDE POUR LA PREPARATION D'UN POLYAMIDE**
[72] RULKENS, RUDY, NL
[72] GROLMAN, ERIC, NL
[72] DULLAERT, KONRAAD ALBERT LOUISE HECTOR, NL
[72] KIERKELS, RENIER HENRICUS MARIA, NL
[72] POEL VANDEN, GEERT ADELINA RUDOLF, NL
[71] DSM IP ASSETS B.V., NL
[85] 2015-07-15
[86] 2014-01-30 (PCT/EP2014/051804)
[87] (WO2014/118278)
[30] EP (PCT/EP2013/051811) 2013-01-30

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[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01) B65D 30/08 (2006.01) B65D 30/20 (2006.01)**
[25] EN
[54] **EASY ACCESS NON-WOVEN PLASTIC BAGS**
[54] **SACS EN PLASTIQUE NON TISSES A ACCES FACILE**
[72] BAZBAZ, JACOBO, US
[72] ZAROLI, ALBERTO, US
[71] POLYTEX FIBERS CORPORATION, US
[85] 2015-07-14
[86] 2014-01-21 (PCT/US2014/012277)
[87] (WO2014/116568)
[30] US (61/755,326) 2013-01-22

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[13] A1
[51] **Int.Cl. A61B 5/087 (2006.01) A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING A STATE OF DISEASE**
[54] **SYSTEME DE SURVEILLANCE D'UN ETAT PATHOLOGIQUE**
[72] DARKET, LONE, DK
[71] DARKET, LONE, DK
[85] 2015-07-15
[86] 2014-02-04 (PCT/EP2014/052159)
[87] (WO2014/124843)
[30] EP (13155060.0) 2013-02-13

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[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B05B 7/00 (2006.01)**
[25] EN
[54] **PUMPS WITH CONTAINER VENTS**
[54] **POMPES COMPORTANT DES EVACUATIONS DE CONTENANT**
[72] MCNULTY, JOHN J., US
[72] CIAVARELLA, NICK E., US
[72] QUINLAN, ROBERT L., US
[72] TEDEROUS, CORY J., US
[71] GOJO INDUSTRIES, INC., US
[85] 2015-07-14
[86] 2014-01-22 (PCT/US2014/012440)
[87] (WO2014/116632)
[30] US (13/747,909) 2013-01-23

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[13] A1
[51] **Int.Cl. D03D 11/02 (2006.01) D03D 25/00 (2006.01) D03D 41/00 (2006.01) D03D 49/20 (2006.01)**
[25] FR
[54] **MULTI-FEED WEAVING LOOM, METHOD OF WEAVING USING SUCH A WEAVING LOOM, AND APERTURED FABRIC OBTAINED IN THIS WAY**
[54] **METIER A TISSER A AVANCE MULTIPLE, PROCEDE DE TISSAGE UTILISANT UN TEL METIER A TISSER ET UN TISSU CRENEAU AINSI OBTENU**
[72] VEYET, FREDERICK, FR
[72] DUCHAMP, BORIS, FR
[72] BARDY, JULIEN, FR
[71] AIRCELLE, FR
[85] 2015-07-15
[86] 2014-02-21 (PCT/FR2014/050360)
[87] (WO2014/128416)
[30] FR (13/51590) 2013-02-22

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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **AUDIO SIGNAL ENHANCEMENT USING ESTIMATED SPATIAL PARAMETERS**
[54] **AMELIORATION DE SIGNAL AUDIO AU MOYEN DE PARAMETRES SPATIAUX ESTIMES**
[72] FELLERS, MATTHEW, US
[72] MELKOTE, VINAY, US
[72] YEN, KUAN-CHIEH, US
[72] DAVIDSON, GRANT A., US
[72] DAVIS, MARK F., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2015-07-14
[86] 2014-01-22 (PCT/US2014/012457)
[87] (WO2014/126683)
[30] US (61/764,869) 2013-02-14

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[51] **Int.Cl. G21F 9/12 (2006.01) B01J 20/26 (2006.01) C01B 33/40 (2006.01) C08G 18/48 (2006.01) C08K 3/34 (2006.01) C08L 75/08 (2006.01) G21F 9/28 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING RADIOACTIVE CESIUM, HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE CESIUM, METHOD FOR REMOVING RADIOACTIVE IODINE AND RADIOACTIVE CESIUM, AND HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE IODINE AND RADIOACTIVE CESIUM**
[54] **PROCEDE D'ELIMINATION DE CESIUM RADIOACTIF, COMPOSITION DE RESINE HYDROPHILE POUR L'ELIMINATION DE CESIUM RADIOACTIF, PROCEDE D'ELIMINATION D'IODE RADIOACTIF ET DE CESIUM RADIOACTIF, ET COMPOSITION DE RESINE HYDROPHILE POUR L'ELIMINATION D'IODE RADIOACTIF ET DE CESIUM RADIOACTIF**
[72] HANADA, KAZUYUKI, JP
[72] KIMURA, KAZUYA, JP
[72] MUTO, KAZUAKI, JP
[72] TAKAHASHI, KENICHI, JP
[72] URUNO, MANABU, JP
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[71] UKIMA CHEMICALS & COLOR MFG. CO., LTD., JP
[85] 2015-07-15
[86] 2014-02-18 (PCT/JP2014/053822)
[87] (WO2014/129478)
[30] JP (2013-030265) 2013-02-19
[30] JP (2013-037343) 2013-02-27
[30] JP (2013-058844) 2013-03-21
[30] JP (2013-084337) 2013-04-12

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[51] **Int.Cl. D03C 9/06 (2006.01) D03C 13/00 (2006.01) D03D 13/00 (2006.01)**
[25] FR
[54] **WEAVING LOOM WITH SIDE-BY-SIDE FRAMES, METHOD OF WEAVING USING SUCH A LOOM AND PREFORMS THUS WOVEN**
[54] **METIER A TISSER A CADRES COTE-A-COTE, PROCEDE DE TISSAGE UTILISANT UN TEL METIER ET PREFORMES AINSI TISSEES**
[72] BARDY, JULIEN, FR
[72] DUCHAMP, BORIS, FR
[72] LEGRAND, XAVIER, FR
[71] AIRCELLE, FR
[85] 2015-07-15
[86] 2014-02-21 (PCT/FR2014/050361)
[87] (WO2014/128417)
[30] FR (13/51594) 2013-02-22

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[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) C07F 7/18 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING TRICYCLIC COMPOUND, AND TRICYCLIC COMPOUND CAPABLE OF BEING PRODUCED BY SAID PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE COMPOSE TRICYCLIQUE, ET COMPOSE TRICYCLIQUE APTE A ETRE PRODUIT PAR LEDIT PROCEDE DE PRODUCTION**
[72] UNO, TAKAO, JP
[72] SHIMAMURA, TADASHI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2015-07-15
[86] 2014-02-21 (PCT/JP2014/054218)
[87] (WO2014/129596)
[30] JP (2013-033886) 2013-02-22
[30] JP (PCT/JP2013/054615) 2013-02-22
[30] TW (102106272) 2013-02-22
[30] JP (2013-169200) 2013-08-16

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[51] **Int.Cl. B32B 27/28 (2006.01) A61L 15/16 (2006.01) B32B 25/08 (2006.01) B32B 25/20 (2006.01) B32B 27/08 (2006.01) C08J 5/12 (2006.01)**
[25] FR
[54] **ARTICLE COMPRISING A POLYMERIC SUBSTRATE AND A LAYER OF SILICONE POLYMER**
[54] **ARTICLE COMPRENANT UN SUBSTRAT POLYMERIQUE ET UNE COUCHE DE POLYMERE DE SILICONE**
[72] PERNOT, JEAN-MARC, FR
[71] LABORATOIRES URGO, FR
[85] 2015-07-15
[86] 2014-02-27 (PCT/FR2014/050430)
[87] (WO2014/131999)
[30] FR (1351777) 2013-02-28

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[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/00 (2006.01) A61K 35/32 (2015.01) A61L 27/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A DENTAL BONE GRAFT**
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'UN GREFFON OSSEUX DENTAIRE**
[72] SAPOZNIKOV, LARI, IL
[72] BINDERMAN, ITZHAK, IL
[72] SAHAR, MEIR, IL
[71] KOMETABIO LTD., US
[85] 2015-07-15
[86] 2014-01-14 (PCT/IL2014/050037)
[87] (WO2014/111925)
[30] US (61/752,453) 2013-01-15

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[13] A1
[51] **Int.Cl. F03D 9/00 (2006.01) F03D 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONVERTING WIND FROM AN AIRCRAFT INTO ELECTRICAL POWER**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CONVERTIR DU VENT ISSU D'UN AERONEF EN ENERGIE ELECTRIQUE**
[72] HOFFSTADT, BRETT MUKHERJEE, US
[71] THE BOEING COMPANY, US
[85] 2015-07-14
[86] 2014-01-22 (PCT/US2014/012501)
[87] (WO2014/137498)
[30] US (13/784,373) 2013-03-04

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[51] **Int.Cl. B66B 3/00 (2006.01)**
[25] EN
[54] **MONITOR SYSTEM FOR ELEVATOR DOORS**
[54] **SYSTEME PERMETTANT DE SURVEILLER UNE PORTE D'ASCENSEUR**
[72] YOON, IL SHIK, KR
[71] YOON, IL SHIK, KR
[85] 2015-07-15
[86] 2014-07-22 (PCT/KR2014/006622)
[87] (WO2015/016519)
[30] KR (10-2013-0089447) 2013-07-29

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[13] A1
[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/4245 (2006.01) A61K 31/496 (2006.01)**
[25] EN
[54] **METHODS OF USE OF PHENOXYPROPYLAMINE COMPOUNDS TO TREAT DEPRESSION**
[54] **UTILISATION DE COMPOSES DE PHENOXYPROPYLAMINE POUR TRAITER LA DEPRESSION**
[72] PELLEGRINI, LORENZO, US
[72] KARABELAS, ARGERIS, US
[72] LUTHRINGER, REMY, CH
[71] MINERVA NEUROSCIENCES, INC., US
[85] 2015-07-14
[86] 2014-01-24 (PCT/US2014/013026)
[87] (WO2014/117003)
[30] US (61/756,208) 2013-01-24
[30] US (61/799,482) 2013-03-15
[30] US (61/852,149) 2013-03-15

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[13] A1
[51] **Int.Cl. F17C 7/02 (2006.01) F17C 7/04 (2006.01) F17C 13/10 (2006.01)**
[25] EN
[54] **HEATER WITH REPLACEABLE CARTRIDGE**
[54] **DISPOSITIF DE CHAUFFAGE DOTE D'UNE CARTOUCHE JETABLE**
[72] KIRBY, MICHAEL J., US
[72] ZIMMER, GEORGE M., US
[71] ALGAS-SDI INTERNATIONAL LLC, US
[85] 2015-07-14
[86] 2014-01-24 (PCT/US2014/013060)
[87] (WO2014/117032)
[30] US (13/750,767) 2013-01-25

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[13] A1
[51] **Int.Cl. A23J 3/08 (2006.01) A23C 9/12 (2006.01) A23J 1/20 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING VISCOSITY, SOLUBILITY, AND PARTICLE SIZE OF MILK PROTEIN CONCENTRATES**
[54] **PROCEDE POUR AMELIORER LA VISCOSITE, LA SOLUBILITE ET LA GRANULOMETRIE DE CONCENTRES PROTEIQUES DU LAIT**
[72] PETERSEN, BRENT, US
[72] WARD, LOREN, US
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
[85] 2015-07-15
[86] 2014-01-15 (PCT/US2014/011726)
[87] (WO2014/113499)
[30] US (61/752,957) 2013-01-15

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[51] **Int.Cl. G02B 6/02 (2006.01)**
[25] EN
[54] **ULTRA-HIGH RESOLUTION SCANNING FIBER DISPLAY**
[54] **AFFICHAGE DE FIBRE DE BALAYAGE A RESOLUTION ELEVEE**
[72] SCHOWENGERDT, BRIAN T., US
[72] WATSON, MATTHEW D., US
[71] MAGIC LEAP, INC., US
[85] 2015-07-15
[86] 2014-01-15 (PCT/US2014/011736)
[87] (WO2014/113506)
[30] US (61/752,972) 2013-01-15

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[13] A1
[51] **Int.Cl. A61K 36/81 (2006.01) A23L 2/08 (2006.01) A61K 31/01 (2006.01) A61P 29/00 (2006.01) A23L 1/212 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING HEAT-TREATED CLEAR TOMATO CONCENTRATE**
[54] **COMPOSITIONS COMPRENANT UN CONCENTRE DE TOMATES TRANSPARENT TRAITE THERMIQUEMENT**
[72] ATLASMAN, TATYANA, IL
[72] BLATT, YOAV, IL
[72] LEVY, RACHEL, IL
[72] SHARONI, YOAV, IL
[72] LEVY, JOSEPH, IL
[72] ZELKHA, MORRIS, IL
[71] LYCORED LTD., IL
[85] 2015-07-15
[86] 2014-01-22 (PCT/IL2014/050075)
[87] (WO2014/115140)
[30] US (61/754,975) 2013-01-22
[30] US (61/754,976) 2013-01-22

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[13] A1
[51] **Int.Cl. C08F 290/00 (2006.01) C08B 37/16 (2006.01)**
[25] EN
[54] **COMPOSITION FOR SOFT MATERIALS, AND SOFT MATERIAL**
[54] **COMPOSITION POUR MATERIAUX SOUPLES ET MATERIAU SOUPLE**
[72] MASUHARA, YUSAKU, JP
[72] HASHIMOTO, NAOYUKI, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2015-07-15
[86] 2013-12-04 (PCT/JP2013/082572)
[87] (WO2014/112234)
[30] JP (2013-008506) 2013-01-21

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **MINING MACHINE, MANAGEMENT SYSTEM OF MINING MACHINE, AND MANAGEMENT METHOD OF MINING MACHINE**
[54] **MACHINE D'EXPLOITATION MINIERE, SYSTEME DE GESTION POUR MACHINE D'EXPLOITATION MINIERE, ET PROCEDE DE GESTION POUR MACHINE D'EXPLOITATION MINIERE**
[72] AWAMORI, KATSUKI, JP
[72] TANUKI, TOMIKAZU, JP
[71] KOMATSU LTD., JP
[85] 2015-07-15
[86] 2014-12-26 (PCT/JP2014/084621)
[87] (WO2015/102096)

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[13] A1
[51] **Int.Cl. F04D 1/06 (2006.01) F04D 29/44 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **BACK-TO-BACK CENTRIFUGAL PUMP**
[54] **POMPE CENTRIFUGE A CONFIGURATION DOS A DOS**
[72] BERGAMINI, LORENZO, IT
[72] RIPA, DONATO ANTONIO, IT
[72] MILONE, FABRIZIO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2015-05-28
[86] 2013-12-02 (PCT/EP2013/075289)
[87] (WO2014/086730)
[30] IT (FI2012A000272) 2012-12-05

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[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **ROUTER**
[54] **ROUTEUR**
[72] LOVELESS, JACOB, US
[71] CFPH, LLC, US
[85] 2015-07-15
[86] 2014-01-16 (PCT/US2014/011845)
[87] (WO2014/113566)
[30] US (61/753,250) 2013-01-16
[30] US (13/832,409) 2013-03-15

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[13] A1
[51] **Int.Cl. B01J 38/62 (2006.01) B01D 29/62 (2006.01) B01D 53/86 (2006.01) B01D 53/96 (2006.01) B01J 23/22 (2006.01) B01J 23/30 (2006.01) B01J 38/48 (2006.01) B01J 38/70 (2006.01)**
[25] EN
[54] **METHODS OF REMOVING CALCIUM MATERIAL FROM A SUBSTRATE OR CATALYTIC CONVERTER**
[54] **PROCEDES D'ELIMINATION DE MATIERE DE CALCIUM A PARTIR D'UN SUBSTRAT OU D'UN CONVERTISSEUR CATALYTIQUE**
[72] BARNARD, THOMAS MICHAEL, V., US
[72] STIER, ALBERT JOSEPH, US
[72] HOFFMANN, THIES, US
[71] STEAG ENERGY SERVICES GMBH, DE
[85] 2015-07-15
[86] 2014-02-10 (PCT/US2014/015515)
[87] (WO2014/158378)
[30] US (13/828,945) 2013-03-14

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[13] A1
[51] **Int.Cl. H01M 8/04 (2006.01) B60L 11/18 (2006.01) H01M 8/00 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND FUEL CELL POWERED VEHICLE**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET AUTOMOBILE A PILE A COMBUSTIBLE**
[72] OKUI, TAKEHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[86] 2013-12-09 (PCT/JP2013/082907)
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[30] JP (2013-011416) 2013-01-24

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[13] A1
[51] **Int.Cl. B01D 53/96 (2006.01) B01J 38/64 (2006.01)**
[25] EN
[54] **METHODS FOR REMOVING IRON MATERIAL FROM A CATALYTIC CONVERTER USING AN AQUEOUS ALKALINE SOLUTION AND AN ANTIOXIDANT**
[54] **PROCEDES D'ELIMINATION DE MATIERE DE FER A PARTIR D'UN CONVERTISSEUR CATALYTIQUE A L'AIDE D'UNE SOLUTION ALCALINE AQUEUSE ET D'UN ANTI-OXYDANT**
[72] MARRINO, BIRGIT, US
[72] HOFFMANN, THIES, US
[71] STEAG ENERGY SERVICES GMBH, DE
[85] 2015-07-15
[86] 2014-02-10 (PCT/US2014/015544)
[87] (WO2014/143465)
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[51] **Int.Cl. A61K 31/437 (2006.01)**
[25] EN
[54] **HETEROAROMATIC COMPOUNDS AS PI3 KINASE MODULATORS**
[54] **COMPOSES HETERO-AROMATIQUES EN TANT QUE MODULATEURS DE PI3 KINASE**
[72] XI, NING, US
[71] CALITOR SCIENCES, LLC, US
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2015-07-15
[86] 2014-02-15 (PCT/US2014/016643)
[87] (WO2014/130375)
[30] US (61/767,721) 2013-02-21

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[51] **Int.Cl. A61G 3/02 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **MOUNTING DEVICE FOR OBJECT TO BE MOUNTED**
[54] **DISPOSITIF D'EMBARQUEMENT D'OBJET A EMBARQUER**
[72] NISHIYAMA, KIMITO, JP
[72] WATANABE, DAISUKE, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2015-07-15
[86] 2014-01-28 (PCT/JP2014/051832)
[87] (WO2014/115890)
[30] JP (2013-012991) 2013-01-28

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[51] **Int.Cl. C09D 175/02 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **SINGLE-COMPONENT MOISTURE-CURABLE COATINGS BASED ON N-SUBSTITUTED UREA POLYMERS WITH EXTENDED CHAINS AND TERMINAL ALKOXYSILANES**
[54] **REVETEMENTS A COMPOSANT UNIQUE DURCISSABLES A L'HUMIDITE A BASE DE POLYMERES D'UREE N-SUBSTITUES AVEC EXTENSIONS DE CHAINES ET ALCOXYSILANES TERMINAUX**
[72] IEZZI, ERICK B., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2015-07-15
[86] 2014-02-24 (PCT/US2014/017934)
[87] (WO2014/158535)
[30] US (61/781,719) 2013-03-14

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[51] **Int.Cl. C07F 7/18 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **SILANE END CAPPED SUBSTITUTED UREA RESINS AND COATINGS THEREOF**
[54] **RESINES D'UREE SUBSTITUEES COIFFEES PAR SILANE ET REVETEMENTS CORRESPONDANTS**
[72] WEBB, ARTHUR A., US
[72] VERBORGT, JOZEF, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2015-07-15
[86] 2014-02-26 (PCT/US2014/018587)
[87] (WO2014/137694)
[30] US (61/772,132) 2013-03-04

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[25] EN
[54] **SERVICE DISCONNECT INTERLOCK SYSTEM AND METHOD FOR HYBRID VEHICLES**
[54] **SYSTEME ET PROCEDE DE VERROUILLAGE DE DECONNEXION D'ENTRETIEN POUR VEHICULES HYBRIDES**
[72] HYNES, WILLIAM J., US
[72] MOREY, STEVEN, US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-02-24 (PCT/US2014/017964)
[87] (WO2014/149386)
[30] US (61/788,367) 2013-03-15

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[51] **Int.Cl. A61K 31/17 (2006.01) A61K 9/00 (2006.01) A61K 31/196 (2006.01) A61K 31/4166 (2006.01) A61K 31/42 (2006.01) A61K 31/662 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **USE OF AGONISTS OF FORMYL PEPTIDE RECEPTOR 2 FOR TREATING OCULAR INFLAMMATORY DISEASES**
[54] **UTILISATION D'AGONISTES DU RECEPTEUR 2 DE PEPTIDE FORMYLE POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES OCULAIRES**
[72] VISWANATH, VEENA, US
[72] BEARD, RICHARD L., US
[72] DONELLO, JOHN E., US
[71] ALLERGAN, INC., US
[85] 2015-07-15
[86] 2014-03-04 (PCT/US2014/020245)
[87] (WO2014/138037)
[30] US (61/773,773) 2013-03-06

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[51] **Int.Cl. A61K 39/08 (2006.01) A61K 39/40 (2006.01) C12N 15/31 (2006.01)**
[25] EN
[54] **MONO OR MULTIVALENT BOTULINUM NEUROTOXIN BASED VACCINE USING THE HEAVY CHAIN FROM SEROTYPES OF CLOSTRIDIUM BOTULINUM**
[54] **VACCIN A BASE DE NEUROTOXINE BOTULINIQUE MONO OU MULTIVALENTE UTILISANT LA CHAINE LOURDE DE SEROTYPES DE CLOSTRIDIUM BOTULINUM**
[72] WEINER, DAVID, US
[72] SCOTT, VERONICA, US
[72] HUTNICK, NATALIE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2015-07-15
[86] 2014-03-14 (PCT/US2014/026974)
[87] (WO2014/152121)
[30] US (61/799,094) 2013-03-15

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[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMPENSATION OF TURBO LAG IN HYBRID VEHICLES**
[54] **SYSTEME ET PROCEDE DE COMPENSATION DU TEMPS DE REPONSE DU TURBO DANS LES VEHICULES HYBRIDES**
[72] WEST, STEPHEN T., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-03-04 (PCT/US2014/020417)
[87] (WO2014/158827)
[30] US (61/782,962) 2013-03-14

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[13] A1
[51] **Int.Cl. B62B 1/02 (2006.01)**
[25] EN
[54] **LIFTING DEVICES**
[54] **DISPOSITIFS DE LEVAGE**
[72] WEST, JAMES DAVID FRANCIS, AU
[72] KENNARD, RORY CAMPBELL, AU
[71] THEODOSIER PTY LTD, AU
[85] 2015-07-16
[86] 2013-05-23 (PCT/AU2013/000544)
[87] (WO2013/173878)
[30] AU (2012902155) 2012-05-25
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[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENERGY RATE BALANCING IN HYBRID AUTOMATIC TRANSMISSIONS**
[54] **SYSTEME ET PROCEDE D'EQUILIBRAGE DE DEBIT D'ENERGIE DANS DES TRANSMISSIONS AUTOMATIQUES HYBRIDES**
[72] WEST, STEPHEN T., US
[72] RUNDE, JEFFREY K., US
[72] KRESSE, JOHN P., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-03-05 (PCT/US2014/020499)
[87] (WO2014/149710)
[30] US (61/786,669) 2013-03-15

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[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01) B60W 10/24 (2006.01) B60W 10/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER MANAGEMENT DURING REGENERATION MODE IN HYBRID ELECTRIC VEHICLES**
[54] **SYSTEME ET PROCEDE DE GESTION DE L'ENERGIE EN MODE REGENERATIF DANS LES VEHICULES ELECTRIQUES HYBRIDES**
[72] RUNDE, JEFFREY K., US
[72] WEST, STEPHEN T., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-03-05 (PCT/US2014/020513)
[87] (WO2014/158846)
[30] US (61/782,103) 2013-03-14

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[51] **Int.Cl. H01M 10/6569 (2014.01) H01M 10/655 (2014.01) H01M 10/6563 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THERMALLY ROBUST ENERGY STORAGE SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SYSTEME DE STOCKAGE D'ENERGIE THERMIQUEMENT ROBUSTE**
[72] BASS, EDWARD, US
[72] BAILEY, FELICE E., US
[72] BLETSIS, RICHARD, US
[72] DELRYMPLE, DEREK A., US
[72] FORD, DEAN M., US
[72] MILLER, BRUCE E., US
[72] NAEGELI, MARKUS, US
[72] REYBURN, STEVEN T., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-03-06 (PCT/US2014/020986)
[87] (WO2014/158938)
[30] US (61/782,282) 2013-03-14

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[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) B23P 6/00 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **PRECIPITATION STRENGTHENED NICKEL BASED WELDING MATERIAL FOR FUSION WELDING OF SUPERALLOYS**
[54] **MATERIAU DE SOUDAGE A BASE DE NICKEL RENFORCE PAR PRECIPITATION, POUR SOUDAGE PAR FUSION DE SUPERALLIAGES**
[72] GONCHAROV, ALEXANDER B., CA
[72] LIBURDI, JOSEPH, CA
[72] LOWDEN, PAUL, CA
[71] LIBURDI ENGINEERING LIMITED, CA
[85] 2015-07-16
[86] 2013-12-24 (PCT/CA2013/001075)
[87] (WO2015/095949)

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[13] A1
[51] **Int.Cl. C12N 13/00 (2006.01) C12M 1/107 (2006.01) C12M 1/42 (2006.01) C12N 1/00 (2006.01) C12N 1/12 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANAGING PHOTOBIOREACTOR EXHAUST**
[54] **PROCEDE DE GESTION D'ECHAPPEMENT DE PHOTOBIOREACTEUR**
[72] GONZALEZ, JAIME A., CA
[72] MARTIN, STEVEN C., CA
[72] KOLESNIK, MAX, CA
[71] POND BIOFUELS INC., CA
[85] 2015-07-16
[86] 2014-01-17 (PCT/CA2014/000034)
[87] (WO2014/110668)
[30] US (61/753,711) 2013-01-17
[30] US (61/759,656) 2013-02-01

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[13] A1
[51] **Int.Cl. B01J 23/42 (2006.01) B01D 53/94 (2006.01) B01J 23/44 (2006.01) B01J 23/63 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **CATALYST MATERIALS FOR NO OXIDATION**
[54] **MATERIAUX CATALYSEURS POUR L'OXYDATION DU NO**
[72] HOKE, JEFFREY B., US
[72] GERLACH, OLGA, DE
[71] BASF CORPORATION, US
[85] 2015-07-15
[86] 2014-03-11 (PCT/US2014/023353)
[87] (WO2014/164732)
[30] US (61/777,532) 2013-03-12
[30] US (14/203,862) 2014-03-11

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[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12P 7/04 (2006.01)**
[25] EN
[54] **ACYL-ACP REDUCTASE WITH IMPROVED PROPERTIES**
[54] **ACYL-ACP REDUCTASE PRESENTANT DES PROPRIETES AMELIOREES**
[72] RUDE, MATHEW, US
[72] TRINH, NA, US
[72] SCHIRMER, ANDREAS, US
[72] GANO, JACOB, US
[71] REG LIFE SCIENCES, LLC, US
[85] 2015-07-15
[86] 2014-01-16 (PCT/US2014/011859)
[87] (WO2014/113571)
[30] US (61/753,273) 2013-01-16

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[13] A1
[51] **Int.Cl. B65B 9/20 (2012.01) B65B 9/10 (2006.01) B65B 51/30 (2006.01)**
[25] EN
[54] **FORM, FILL AND SEAL PACKAGING MACHINE**
[54] **MACHINE DE CONDITIONNEMENT, FORMAGE, REMPLISSAGE ET SCELLEMENT**
[72] NICOLLE, KENNETH ARTHUR, CA
[71] NICOLLE, KENNETH ARTHUR, CA
[85] 2015-07-16
[86] 2014-01-17 (PCT/CA2014/000036)
[87] (WO2014/113870)
[30] US (61/755,650) 2013-01-23

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **UV-C CATHETER HUB STERILIZATION AND DATA ACQUISITION SYSTEM**
[54] **STERILISATION D'EMBASE DE CATHETER PAR UV-C ET SYSTEME D'ACQUISITION DE DONNEES**
[72] VICTOR, JOHN C., US
[72] ROWE, DAVID TROY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/025340)
[87] (WO2014/159855)
[30] US (61/783,768) 2013-03-14

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[13] A1
[51] **Int.Cl. A61L 2/00 (2006.01)**
[25] EN
[54] **OPTICAL FIBER BASED ANTIMICROBIAL ULTRAVIOLET RADIATION THERAPY SYSTEM**
[54] **SYSTEME DE THERAPIE PAR RAYONNEMENT ULTRAVIOLET ANTIMICROBIEN BASE SUR UNE FIBRE OPTIQUE**
[72] VICTOR, JOHN C., US
[72] ROWE, DAVID TROY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/025371)
[87] (WO2014/159874)
[30] US (61/783,095) 2013-03-14

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/04 (2006.01) A61P 3/08 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **METHOD AND USE FOR THE STIMULATION OF MUSCULAR IL-6 SECRETION**
[54] **UTILISATION DE PROTECTINE DX POUR LA STIMULATION DE SECRETION MUSCULAIRE DE IL-6**
[72] MARETTE, ANDRE, CA
[72] WHITE, PHILIP J., US
[71] UNIVERSITE LAVAL, CA
[85] 2015-07-16
[86] 2014-01-23 (PCT/CA2014/000047)
[87] (WO2014/113875)
[30] US (61/756,683) 2013-01-25

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[13] A1
[51] **Int.Cl. B60G 21/05 (2006.01) B60G 11/18 (2006.01) B62D 21/02 (2006.01)**
[25] EN
[54] **REAR TWIST BEAM WITH BULGED MIDDLE SECTION**
[54] **BARRE DE TORSION ARRIERE PRESENTANT UNE SECTION INTERMEDIAIRE BOMBEE**
[72] KALE, SURESH RAGHUNATH, IN
[72] KUMAR, PUNITH JAGADISH, IN
[72] BEHERA, DHIREN, IN
[72] RAO, PRASAD, IN
[72] VALLISHAN, GUNDAPPA, IN
[71] MAGNA INTERNATIONAL INC., CA
[85] 2015-07-16
[86] 2014-02-24 (PCT/CA2014/000140)
[87] (WO2014/138850)
[30] IN (1106/CHE/2013) 2013-03-14

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[13] A1
[51] **Int.Cl. B05B 13/04 (2006.01) B05C 1/06 (2006.01) B05C 5/02 (2006.01) B25J 9/00 (2006.01) B25J 15/00 (2006.01)**
[25] EN
[54] **FLUID APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION DE FLUIDE**
[72] TOMUTA, RAUL, US
[72] DAVANCENS, ANGELICA, US
[72] TOPF, RICHARD P., US
[72] SARH, BRANKO, US
[71] THE BOEING COMPANY, US
[85] 2015-07-15
[86] 2014-01-16 (PCT/US2014/011879)
[87] (WO2014/126675)
[30] US (13/769,569) 2013-02-18

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[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **RAPID IDENTIFICATION OF OPTIMIZED COMBINATIONS OF INPUT PARAMETERS FOR A COMPLEX SYSTEM**
[54] **IDENTIFICATION RAPIDE DE COMBINAISONS OPTIMISEES DE PARAMETRES D'ENTREE POUR UN SYSTEME COMPLEXE**
[72] HO, CHIH-MING, US
[72] DING, XIANTING, US
[72] WONG, IEONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-07-15
[86] 2014-01-17 (PCT/US2014/012111)
[87] (WO2014/113714)
[30] US (61/753,842) 2013-01-17

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[13] A1
[51] **Int.Cl. B01J 23/42 (2006.01) B01D 53/94 (2006.01) B01J 23/44 (2006.01) B01J 29/70 (2006.01) B01J 29/74 (2006.01) B01J 35/02 (2006.01) B01J 35/04 (2006.01) B01J 35/08 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **CATALYST COMPOSITIONS COMPRISING METAL OXIDE SUPPORT PARTICLES WITH SPECIFIC PARTICLE SIZE DISTRIBUTIONS**
[54] **COMPOSITIONS CATALYTIQUES COMPRENANT DES PARTICULES SUPPORT D'OXYDE METALLIQUE A DISTRIBUTION GRANULOMETRIQUE SPECIFIQUE**
[72] GERLACH, OLGA, DE
[72] SUNDERMANN, ANDREAS, DE
[72] HOKE, JEFFREY B., US
[71] BASF CORPORATION, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/025540)
[87] (WO2014/159966)
[30] US (61/779,603) 2013-03-13
[30] US (14/205,049) 2014-03-11

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/404 (2006.01) A61K 31/435 (2006.01) A61K 31/4412 (2006.01) A61K 31/4439 (2006.01) A61K 31/47 (2006.01) A61K 31/496 (2006.01) A61K 31/498 (2006.01) A61K 31/5025 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CHOLANGIOCARCINOMA**
[54] **METHODES DE TRAITEMENT DU CHOLANGIOCARCINOME**
[72] MILLER, VINCENT A., US
[72] ALI, SIRJ, MAHAMED, US
[72] HAWRYLUK, MATTHEW J., US
[72] HE, JIE, US
[72] LIPSON, DORON, US
[72] ROSS, JEFFREY S., US
[72] STEPHENS, PHILIP JAMES, US
[72] ALI, SIRAJ, MAHAMED, US
[71] FOUNDATION MECICINE, INC., US
[71] MILLER, VINCENT A., US
[85] 2015-07-15
[86] 2014-01-17 (PCT/US2014/012136)
[87] (WO2014/113729)
[30] US (61/754,509) 2013-01-18
[30] US (61/756,372) 2013-01-24

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[13] A1
[51] **Int.Cl. B01J 35/00 (2006.01) B01D 53/94 (2006.01) B01J 23/58 (2006.01) B01J 23/63 (2006.01) B01J 35/04 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) F01N 3/10 (2006.01)**
[25] EN
[54] **ZONED CATALYST FOR DIESEL APPLICATIONS**
[54] **CATALYSEUR ZONE POUR DES APPLICATIONS DE MOTEUR DIESEL**
[72] KAZI, M. SHAHJAHAN, US
[72] RIOULT, FABIEN A., US
[72] ROTH, STANLEY A., US
[72] VOSS, KENNETH E., US
[71] BASF CORPORATION, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/026230)
[87] (WO2014/151677)
[30] US (61/784,561) 2013-03-14
[30] US (14/205,469) 2014-03-12

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[13] A1
[51] **Int.Cl. A45D 1/14 (2006.01) A45D 7/02 (2006.01)**
[25] EN
[54] **HAIR STYLING DEVICE**
[54] **DISPOSITIF DE COIFFURE**
[72] SMITH, JACYNDA, US
[71] TYME LLC, US
[85] 2015-07-15
[86] 2014-03-13 (PCT/US2014/026330)
[87] (WO2014/151728)
[30] US (61/802,574) 2013-03-16

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[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/496 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **OLIGOOXOPIPERAZINES FOR P53 REACTIVATION**
[54] **OLIGOOXOPIPERAZINES POUR LA REACTIVATION DU P53**
[72] ARORA, PARAMJIT S., US
[72] PAN, QUINTIN, US
[72] MAPP, ANNA, US
[71] NEW YORK UNIVERSITY, US
[71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-07-15
[86] 2014-01-21 (PCT/US2014/012337)
[87] (WO2014/113794)
[30] US (61/754,575) 2013-01-19

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[51] **Int.Cl. A61K 41/00 (2006.01) A61M 31/00 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **LOCAL DRUG DELIVERY**
[54] **NOUVEAU DISPOSITIF AMELIORE ET COMPOSITION POUR ADMINISTRATION LOCALE DE MEDICAMENT**
[72] VICTOR, JOHN C., US
[72] ROWE, DAVID TROY, US
[72] VITULLO, JEFFREY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2015-07-15
[86] 2014-03-14 (PCT/US2014/027878)
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[54] **COMPACTING UNCURED COMPOSITE MEMBERS ON CONTOURED MANDREL SURFACES**
[54] **COMPACTAGE D'ELEMENTS COMPOSITES NON DURCIS SUR DES SURFACES DE MANDRIN PROFILEES**
[72] STEWART, SAMUEL R., US
[71] THE BOEING COMPANY, US
[85] 2015-07-15
[86] 2014-03-24 (PCT/US2014/031621)
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[51] **Int.Cl. A47B 3/087 (2006.01) A47B 3/083 (2006.01)**
[25] EN
[54] **FOLDING TABLE**
[54] **TABLE PLIANTE**
[72] CLEGG, FRANK, US
[72] JOHNSON, MITCH, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2015-07-15
[86] 2014-05-21 (PCT/US2014/039021)
[87] (WO2014/190082)
[30] US (61/825,969) 2013-05-21
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[51] **Int.Cl. A61K 31/12 (2006.01) A61K 31/352 (2006.01) A61K 31/728 (2006.01) A61K 31/737 (2006.01) A61P 13/00 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **ORAL COMBINATION FOR THE PREVENTION AND TREATMENT OF BLADDER, PELVIC AND UROGENITAL APPARATUS PATHOLOGIES**
[54] **ASSOCIATION A USAGE ORAL POUR LA PREVENTION ET LE TRAITEMENT DE PATHOLOGIES DE LA VESSIE, PELVIENNE ET DE L'APPAREIL UROGENITAL**
[72] GIORI, ANDREA MARIA, CH
[72] LUCHERINI, ENZO, CH
[71] ALTERGON S.A., CH
[85] 2015-07-16
[86] 2014-01-20 (PCT/EP2014/000138)
[87] (WO2014/111268)
[30] IT (MI2013A000075) 2013-01-21

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[51] **Int.Cl. A23B 7/157 (2006.01) A23B 7/10 (2006.01) A23B 7/153 (2006.01) A23B 7/154 (2006.01)**
[25] EN
[54] **METHOD FOR SANITIZING FRESH PRODUCE**
[54] **PROCEDE DE DESINFECTION DE FRUITS ET LEGUMES FRAIS**
[72] DULL, BOB J., US
[72] BILLINGSLEY, ROGER DALE, US
[72] KHAIRULLAH, ABIZER MOIZ, US
[72] DEERING, AMANDA JANE, US
[72] KAWABATA, JESSICA OKANE, US
[72] THOMAS, JONNA MARIE, US
[71] DOLE FRESH VEGETABLES, INC., US
[85] 2015-07-15
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[51] **Int.Cl. C07D 471/10 (2006.01) A61K 31/438 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE CIS-(E)-4-(3-FLUOROPHENYL)-2',3',4',9'-TETRAHYDRO-N,N-DIMETHYL-2'-(1-OXO-3-PHENYL-2-PROPENYL)-SPIRO[CYCLOHEXANE-1,1'[1H]-PYRIDO[3,4-B]INDOL]-4-AMINE**
[54] **CIS-(E)-4-(3-FLUOROPHENYL)-2',3',4',9'-TETRAHYDRO-N,N-DIMETHYL-2'-(1-OXO-3-PHENYL-2-PROPENYL)-SPIRO[CYCLOHEXANE-1,1'[1H]-PYRIDO[3,4-B]INDOL]-4-AMINE CRISTALLINE**
[72] GRUSS, MICHAEL, DE
[71] GRUNENTHAL GMBH, DE
[85] 2015-07-16
[86] 2014-03-14 (PCT/EP2014/000682)
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[51] **Int.Cl. B65D 19/00 (2006.01) B65D 19/12 (2006.01) B65D 19/16 (2006.01)**
[25] EN
[54] **PALLET WITH SINGLE CARGO LAYER HAVING INSERTS**
[54] **PALETTE A PLATEFORME DE CHARGEMENT UNIQUE COMPORTANT DES INSERTS**
[72] LANTZ, DAN, US
[72] BRANDT, KEN, US
[72] LUNDQUIST, CHRISTOPHER SCOTT, US
[72] ANDERSON, DAVID PAUL, III, US
[71] CHEP TECHNOLOGY PTY LIMITED, AU
[85] 2015-07-15
[86] 2013-12-18 (PCT/US2013/076024)
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[25] EN
[54] **GAS TURBINE ROTOR BLADE AND GAS TURBINE ROTOR**
[54] **PALE DE ROTOR DE TURBINE A GAZ ET ROTOR DE TURBINE A GAZ**
[72] BLUCK, RICHARD, GB
[72] BUTLER, DAVID, GB
[72] MUGGLESTONE, JONATHAN, GB
[72] OVERTON, DAVID, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-16
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[51] **Int.Cl. C09K 3/18 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS THAT INCLUDE HYDROPHOBIZING AGENTS AND STABILIZERS AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS COMPRENANT DES AGENTS HYDROPHOBANTS ET DES STABILISANTS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] HAGIOPOL, CORNEL, US
[72] SNIADY, ADAM K., US
[72] TOWNSEND, DAVID F., US
[72] WILLIAMSON, BOBBY L., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2015-07-15
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[51] **Int.Cl. B29B 17/02 (2006.01) D21D 1/22 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REMOVING IMPURITIES FROM SHREDDED PLASTIC**
[54] **DISPOSITIF ET PROCEDE D'ELIMINATION D'IMPURETES PRESENTES SUR DES COPEAUX DE MATIERE PLASTIQUE**
[72] GERCKE, ALEXANDER, DE
[72] HOFMANN, MICHAEL, DE
[72] WERMTER, CARSTEN, DE
[71] CVP CLEAN VALUE PLASTICS GMBH, DE
[85] 2015-07-16
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[25] EN
[54] **SCREEN FREEZING FOR A WIRELESS COMMUNICATION DEVICE**
[54] **PROCEDE PERMETTANT DE FIGER UN ECRAN DE DISPOSITIF DE COMMUNICATION SANS FIL**
[72] SHARMA, SANJAY K., US
[72] KEMP, JESSICA L., US
[72] SYROMIATNIKOV, PETER S., US
[72] STEELE, KENNETH RAY, US
[72] SUMLER, JOHN D., US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[51] **Int.Cl. A61N 1/00 (2006.01)**
[25] EN
[54] **MEDICAL SELF-TREATMENT USING NON-INVASIVE VAGUS NERVE STIMULATION**
[54] **AUTOTRAITEMENT MEDICAL UTILISANT UNE STIMULATION NON INVASIVE DU NERF VAGUE**
[72] SIMON, BRUCE J., US
[72] ERRICO, JOSEPH P., US
[72] RAFFLE, JOHN T., US
[71] ELECTROCORE, LLC, US
[85] 2015-07-15
[86] 2014-01-10 (PCT/US2014/011123)
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[54] **BIDIRECTIONAL SCREWDRIVER**
[54] **TOURNEVIS BIDIRECTIONNEL**
[72] WANG, WEIYI, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2015-07-16
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[54] **LED CORNER LAMP**
[54] **ECLAIRAGE D'ANGLE A DEL**
[72] YONG, XINGCHUN, CN
[71] SHENZHEN YAORONG TECHNOLOGY CO., LTD, CN
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[54] **NAVIRE RAPIDE**
[72] KEUNING, JAN ALEXANDER, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
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[25] EN
[54] **DIHYDROQUINOLINE-2-ONE DERIVATIVES FOR USE AS ALDOSTERONE SYNTHASE INHIBITORS**
[54] **DERIVES DE DIHYDROQUINOLINE-2-ONE A UTILISER COMME INHIBITEURS DE L'ALDOSTERONE SYNTHASE**
[72] AEBI, JOHANNES, CH
[72] AMREIN, KURT, CH
[72] HORNSPERGER, BENOIT, FR
[72] KUHN, BERND, CH
[72] MAERKI, HANS P., CH
[72] MAYWEG, ALEXANDER V., CH
[72] TAN, XUEFEI, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **WINDOW UNIT ASSEMBLY STATION AND METHOD**
[54] **STATION D'ASSEMBLAGE D'UNITE DE FENETRE ET PROCEDE**
[72] PEMBERTON, COREY E., US
[71] GUARDIAN IG, LLC, US
[85] 2015-07-15
[86] 2014-01-22 (PCT/US2014/012498)
[87] (WO2014/116670)
[30] US (61/755,263) 2013-01-22
[30] US (61/781,597) 2013-03-14
[30] US (14/160,328) 2014-01-21

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[51] **Int.Cl. A01G 23/00 (2006.01) B66C 23/42 (2006.01) E02F 3/43 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING THE CRANE OF A WORKING MACHINE BY USING BOOM TIP CONTROL**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LA GRUE D'UN ENGIN DE CHANTIER A L'AIDE D'UNE COMMANDE DE TETE DE FLECHE**
[72] PALMROTH, MIKKO, FI
[72] LAITINEN, SIMO, FI
[72] SILTANEN, VESA, FI
[72] KAPPI, TIMO, FI
[71] JOHN DEERE FORESTRY OY, FI
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[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] THACKSTON, KEVIN MICHAEL, US
[72] BELACK, DUSTIN CARSON, US
[72] YI, CHONG HUN, US
[72] TSANG, ALBERT, US
[72] MCALONIS, MATTHEW RICHARD, US
[72] RUFFINI, NICHOLAS PAUL, US
[72] MILLER, KEITH EDWIN, US
[72] WALTON, SCOTT ERIC, US
[72] SHOWERS, JAMES SCOTT, US
[71] TYCO ELECTRONICS CORPORATION, US
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[25] EN
[54] **COMPOSITIONS FOR SELECTIVE REDUCTION OF CIRCULATING BIOACTIVE SOLUBLE TNF AND METHODS FOR TREATING TNF-MEDIATED DISEASE**
[54] **COMPOSITIONS POUR LA REDUCTION SELECTIVE DE TNF SOLUBLE BIOACTIF EN CIRCULATION ET METHODES DE TRAITEMENT D'UNE MALADIE A MEDIATION PAR TNF**
[72] GOLDSTEIN, GIDEON, US
[71] THYMON, LLC, US
[85] 2015-07-15
[86] 2014-01-23 (PCT/US2014/012686)
[87] (WO2014/123696)
[30] US (61/756,571) 2013-01-25
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[51] **Int.Cl. B03B 5/00 (2006.01) B03B 5/40 (2006.01) B03B 9/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WASHING CONTAMINATED MATERIAL, AND GLASS CULLET PRODUCED THEREBY**
[54] **APPAREIL ET PROCEDE DE LAVAGE DE MATIERE CONTAMINEE ET DECHETS DE VERRE PRODUITS PAR CE PROCEDE**
[72] ROGERS, PAUL ALAN, GB
[71] AQUAVITRUM LIMITED, GB
[85] 2015-07-15
[86] 2014-01-16 (PCT/GB2014/000012)
[87] (WO2014/111678)
[30] GB (1300756.2) 2013-01-16

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[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/60 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS OF PYRIDINE-2-CARBOXYLIC ACIDS AND ACCASE INHIBITORS**
[54] **COMPOSITIONS HERBICIDES D'ACIDES PYRIDINE-2-CARBOXYLIQUES ET D'INHIBITEURS D'ACCASE**
[72] YERKES, CARLA N., US
[72] SATCHIVI, NORBERT M., US
[72] BANGEL, BRYSTON L., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-07-15
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[51] **Int.Cl. B65D 90/32 (2006.01) B65D 1/16 (2006.01) B65D 1/40 (2006.01)**
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[54] **VARIABLE DISPLACEMENT CONTAINER BASE**
[54] **BASE DE RECIPIENT A DEPLACEMENT VARIABLE**
[72] WRIGHT, PAUL LEE, US
[72] HOWELL, JUSTIN A., US
[72] HUNTER, TRAVIS A., US
[72] PHILIPPE, ROMUALD M., US
[72] KELLY, MICHAEL T., US
[72] WALTEMYER, ROBERT, US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2015-07-15
[86] 2014-01-14 (PCT/US2014/011433)
[87] (WO2014/113371)
[30] US (61/752,877) 2013-01-15
[30] US (61/838,166) 2013-06-21

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[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 43/40 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**
[72] BANGEL, BRYSTON L., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-07-15
[86] 2014-01-24 (PCT/US2014/012926)
[87] (WO2014/116932)
[30] US (61/756,906) 2013-01-25

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[51] **Int.Cl. A01N 27/00 (2006.01) A01N 25/22 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR STABILIZING CYCLOPROPENE IN SOLUTIONS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE STABILISER LE CYCLOPROPENE EN SOLUTION**
[72] COLES, JEFFREY ALAN, US
[72] ZHEN, YUEQIAN, US
[71] AGROFRESH INC., US
[85] 2015-07-15
[86] 2014-01-14 (PCT/US2014/011447)
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[30] US (61/752,611) 2013-01-15

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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVE FOR REPLACING MITRAL VALVE**
[54] **VALVULE PROTHETIQUE POUR REMPLACER UNE VALVULE MITRALE**
[72] GEIST, STEPHEN C., US
[72] TAFT, ROBERT C., US
[72] OBA, TRAVIS, US
[72] SOK, SAM, US
[72] PETERSON, MATTHEW A., US
[72] GOLEMO, KEVIN M., US
[72] CHAU, MARK, US
[72] YI, SEUNG-BEOM, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2015-07-15
[86] 2014-02-04 (PCT/US2014/014677)
[87] (WO2014/121275)
[30] US (61/760,577) 2013-02-04
[30] US (61/914,648) 2013-12-11
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[51] **Int.Cl. B66D 1/26 (2006.01) B66B 15/06 (2006.01) F16D 11/04 (2006.01)**
[25] EN
[54] **COUPLING DEVICE**
[54] **DISPOSITIF D'ACCOUPLEMENT**
[72] SONNEBORN, STEPHAN, DE
[71] SIEMAG TECBERG GMBH, DE
[85] 2015-07-16
[86] 2014-01-17 (PCT/EP2014/050894)
[87] (WO2014/111515)
[30] DE (10 2013 000 830.1) 2013-01-18

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/28 (2006.01) A61K 31/785 (2006.01)**
[25] EN
[54] **GASTRO-RETENTIVE SUSTAINED-RELEASE ORAL DOSAGE FORM OF A BILE ACID SEQUESTRANT**
[54] **FORME POSOLOGIQUE ORALE A LIBERATION PROLONGEE A RETENTION GASTRIQUE D'UN AGENT SEQUESTRANT D'ACIDE BILIAIRE**
[72] SETHURAMAN, VASU, US
[72] HEDDEN, DAVID BRUCE, US
[72] LESKOW, KRISTEN MARIE, US
[71] IRONWOOD PHARMACEUTICALS, INC., US
[85] 2015-07-15
[86] 2014-01-14 (PCT/US2014/011450)
[87] (WO2014/113377)
[30] US (61/752,726) 2013-01-15
[30] US (61/914,804) 2013-12-11

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[25] EN
[54] **SELECTIVE CELL DEATH-INDUCING BINARY ENZYME SYSTEM**
[54] **SYSTEME ENZYMATIQUE BINAIRE SELECTIF INDUISANT L'APOPTOSE**
[72] TOUREL, SYLVAIN, DE
[71] SIT SOFT INTELLIGENT THERAPEUTICS GMBH & CO KG, DE
[85] 2015-07-16
[86] 2014-01-17 (PCT/EP2014/050966)
[87] (WO2014/111553)
[30] EP (13151753.4) 2013-01-17

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[13] A1
[51] **Int.Cl. G06F 21/88 (2013.01)**
[25] EN
[54] **METHOD FOR PROTECTING AN ELECTRONIC TERMINAL, CORRESPONDING COMPUTER PROGRAM AND ELECTRONIC TERMINAL**
[54] **PROCEDE DE PROTECTION D'UN TERMINAL ELECTRONIQUE, PROGRAMME D'ORDINATEUR, ET TERMINAL ELECTRONIQUE CORRESPONDANTS.**
[72] VOELCKEL, JEAN-MARC, FR
[72] SOUSSANA, ISAAC, FR
[71] INGENICO GROUP, FR
[85] 2015-06-04
[86] 2013-12-10 (PCT/EP2013/076137)
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/20 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **A COMPUTER SYSTEM FOR PROCESSING PRODUCT DATA**
[54] **SYSTEME INFORMATIQUE POUR TRAITER DES DONNEES DE PRODUIT**
[72] BURTON, DANIEL, GB
[71] SAINSBURY'S SUPERMARKETS LTD, GB
[85] 2015-07-16
[86] 2014-01-20 (PCT/EP2014/051033)
[87] (WO2014/111575)
[30] GB (1300959.2) 2013-01-18
[30] EP (13153761.5) 2013-02-01

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[54] **MONITORED STAIRLIFT**
[54] **MONTE-ESCALIER SURVEILLE**
[72] JAKES, JOHN STEWART, MC
[71] ACORN MOBILITY SERVICES LIMITED, GB
[85] 2015-07-15
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[87] (WO2014/118564)
[30] GB (1301871.8) 2013-02-01

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[13] A1
[51] **Int.Cl. A61K 35/76 (2015.01) C12N 7/00 (2006.01)**
[25] EN
[54] **USE OF A GENETICALLY MODIFIED INFECTIOUS MEASLES VIRUS WITH ENHANCED PRO-APOPTOTIC PROPERTIES (MV-DELTAC VIRUS) IN CANCER THERAPY**
[54] **UTILISATION D'UN VIRUS DE LA ROUGEOLE INFECTIEUX GENETIQUEMENT MODIFIE PRESENTANT DES PROPRIETES PRO-APOPTOTIQUES AMELIOREES (VIRUS MV-DELTAC) POUR LE TRAITEMENT DU CANCER**
[72] TANGY, FREDERIC, FR
[72] GREGOIRE, MARC, FR
[72] FONTENEAU, JEAN-FRANCOIS, FR
[72] GUILLERME, JEAN-BAPTISTE, FR
[72] COMBREDET, CHANTAL, FR
[71] INSTITUT PASTEUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE DE NANTES, FR
[85] 2015-07-16
[86] 2014-01-20 (PCT/EP2014/051063)
[87] (WO2014/114605)
[30] EP (13305086.4) 2013-01-24

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[13] A1
[51] **Int.Cl. B23K 26/06 (2014.01) B23K 26/073 (2006.01)**
[25] EN
[54] **METHOD OF AND DEVICE FOR THE LASER-BASED MACHINING OF SHEET-LIKE SUBSTRATES USING A LASER BEAM FOCAL LINE**
[54] **PROCEDE ET DISPOSITIF D'USINAGE AU LASER DE SUBSTRATS EN FEUILLE AU MOYEN D'UNE LIGNE FOCALE A FAISCEAU LASER**
[72] SCHILLINGER, HELMUT, DE
[72] GRUNDMULLER, RICHARD, DE
[71] CORNING LASER TECHNOLOGIES GMBH, DE
[85] 2015-07-15
[86] 2014-01-14 (PCT/IB2014/000035)
[87] (WO2014/111794)
[30] US (61/752,489) 2013-01-15
[30] EP (13151296) 2013-01-15

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[13] A1
[51] **Int.Cl. A61K 36/80 (2006.01) A23K 1/16 (2006.01) A61K 31/202 (2006.01) A61K 36/28 (2006.01) A61K 36/81 (2006.01) A61K 36/82 (2006.01) A61K 36/9066 (2006.01) A61K 38/39 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **VETERINARY SUPPLEMENTS**
[54] **SUPPLEMENTS VETERINAIRES**
[72] BARNETT, WILLIAM M., III, US
[71] LIFEVANTAGE CORPORATION, US
[85] 2015-07-15
[86] 2014-03-15 (PCT/IB2014/000361)
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[51] **Int.Cl. A41D 27/00 (2006.01) A41D 13/12 (2006.01) A41D 27/12 (2006.01) A61G 7/05 (2006.01) C08J 5/16 (2006.01) D04B 1/00 (2006.01)**
[25] EN
[54] **GARMENT AND COVER COMBINATION TO AID IN USER MOBILITY**
[54] **COMBINAISON VETEMENT ET HOUSSE D'ASSISTANCE A LA MOBILITE D'UN UTILISATEUR**
[72] MCGOVERN, NANCY, CA
[71] MCGOVERN, NANCY, CA
[85] 2015-07-15
[86] 2014-01-15 (PCT/IB2014/058271)
[87] (WO2014/111849)
[30] US (61/754,557) 2013-01-19

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[13] A1
[51] **Int.Cl. C11D 3/00 (2006.01) A47L 1/15 (2006.01) C03C 17/30 (2006.01) C11D 11/00 (2006.01) C11D 17/04 (2006.01) G02B 1/10 (2015.01) G02C 7/02 (2006.01)**
[25] FR
[54] **DRY WIPE WITH DEMISTING AND/OR CLEANING ACTION**
[54] **LINGETTE SECHE A ACTION ANTIBUEE ET/OU NETTOYANTE**
[72] CADET, MAMONJY, FR
[72] CRETIER, ANNETTE, FR
[71] SATISLOH AG, CH
[85] 2015-07-16
[86] 2014-01-17 (PCT/EP2014/050887)
[87] (WO2014/111513)
[30] FR (1350459) 2013-01-18

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **ARTIFICIAL DNA SEQUENCE WITH OPTIMIZED LEADER FUNCTION IN 5' (5'-UTR) FOR THE OVER-EXPRESSION OF RECOMBINANT PROTEINS IN PLANTS AND METHOD FOR THE PRODUCTION OF RECOMBINANT PROTEINS IN PLANTS**
[54] **SEQUENCE ARTIFICIELLE D'ADN AYANT UNE FONCTION DE TETE OPTIMISEE EN 5' (5'-UTR) POUR LA SUREXPRESSION DE PROTEINES DE RECOMBINAISON DANS DES PLANTES ET PROCEDE POUR LA PRODUCTION DE PROTEINES DE RECOMBINAISON DANS DES PLANTES**
[72] MARCHETTI, STEFANO, IT
[72] PATTI, TAMARA, IT
[72] SECCO, ERIKA, IT
[71] RODINA HOLDING S.A., CH
[85] 2015-07-15
[86] 2014-01-15 (PCT/IB2014/058289)
[87] (WO2014/111858)
[30] IT (UD2013A000002) 2013-01-16

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[13] A1
[51] **Int.Cl. H01H 33/90 (2006.01) H01H 33/02 (2006.01)**
[25] FR
[54] **ELECTRICAL APPARATUS WITH DUAL MOVEMENT OF CONTACTS COMPRISING A RETURN DEVICE WITH TWO LEVERS**
[54] **APPAREILLAGE ELECTRIQUE A DOUBLE MOUVEMENT DE CONTACTS COMPORTANT UN DISPOSITIF DE RENVOI A DEUX LEVIERS**
[72] OZIL, JOEL, FR
[72] DARLES, LUDOVIC, FR
[72] CODA, BENJAMIN, FR
[72] GREGOIRE, CYRIL, FR
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2015-07-16
[86] 2014-01-21 (PCT/EP2014/051128)
[87] (WO2014/114637)
[30] FR (1350612) 2013-01-24

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[13] A1
[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/17 (2006.01) A61B 17/70 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **INTERVERTEBRAL IMPLANT WITH IMPROVED SHAPE OF THE FIXING PLATE**
[54] **IMPLANT INTERVERTEBRAL AVEC PLAQUE DE FIXATION A FORME AMELIOREE**
[72] FIECHTER, MEINRAD, CH
[72] RIVA, MARCO, IT
[72] SICCARDI, FRANCESCO, CH
[71] MEDACTA INTERNATIONAL SA, CH
[85] 2015-07-15
[86] 2014-02-13 (PCT/IB2014/058961)
[87] (WO2014/125428)
[30] EP (13155247.3) 2013-02-14

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[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01)**
[25] EN
[54] **AUTO TESTING SYSTEM FOR A GAS TURBINE**
[54] **SYSTEME D'AUTO TEST POUR TURBINE A GAZ**
[72] BOWLER, SAMUEL, GB
[72] SMITH, MICHAEL, GB
[72] YARWOOD, ANDREW, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-16
[86] 2014-01-22 (PCT/EP2014/051168)
[87] (WO2014/122013)
[30] EP (13154041.1) 2013-02-05

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) B82Y 5/00 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **RECOGNITION-RELEASE NANOPOROUS SUBSTRATE COMPRISING ACTIVE AGENTS, METHODS OF THEIR PREPARATION AND USES**
[54] **SUBSTRAT NANOPOREUX A LIBERATION DE RECONNAISSANCE COMPRENANT DES AGENTS ACTIFS, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS**
[72] WILLNER, ITAMAR, IL
[72] ZHANXIA, ZHANG, IL
[72] BALOGH, DORA, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2015-07-13
[86] 2013-12-05 (PCT/IL2013/051006)
[87] (WO2014/087410)
[30] US (61/733,611) 2012-12-05
[30] US (61/865,783) 2013-08-14

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[51] **Int.Cl. F01D 1/02 (2006.01) F01D 1/16 (2006.01) F01D 9/04 (2006.01) F01D 17/18 (2006.01) F01D 25/26 (2006.01)**
[25] EN
[54] **INNER CASING WITH IMPULSE AND REACTION STAGES FOR A STEAM TURBINE ENGINE**
[54] **CARTER INTERIEUR DOTE D'ETAGES D'IMPULSION ET DE REACTION POUR UN MOTEUR DE TURBINE A VAPEUR**
[72] IMPARATO, ENZO, IT
[72] GRILLI, MARCO, IT
[72] GIUSTI, ENRICO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2015-07-16
[86] 2014-01-22 (PCT/EP2014/051192)
[87] (WO2014/114657)
[30] IT (CO2013A000001) 2013-01-23

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[13] A1
[51] **Int.Cl. B65D 5/49 (2006.01) A47F 1/12 (2006.01) B31B 1/90 (2006.01) B65B 5/06 (2006.01) B65D 5/72 (2006.01) B65D 65/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **PRODUCT PUSHER**
[54] **POUSSOIR POUR PRODUITS**
[72] MCDONALD, JAMES, GB
[72] DE SMEDT, GERT, BE
[72] JACOBSSON, FREDRIK, SE
[72] THOMPSON, ANDREW, GB
[71] DS SMITH PACKAGING LIMITED, GB
[85] 2015-07-16
[86] 2013-07-02 (PCT/GB2013/051755)
[87] (WO2014/006398)
[30] GB (1211787.5) 2012-07-03
[30] GB (1300373.6) 2013-01-09

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[13] A1
[51] **Int.Cl. G06K 7/00 (2006.01) G06K 13/08 (2006.01)**
[25] FR
[54] **FLAP FOR TERMINAL**
[54] **TRAPPE POUR TERMINAL**
[72] JANOT, CYRIL, FR
[72] PAVAGEAU, STEPHANE, FR
[71] INGENICO GROUP, FR
[85] 2015-05-22
[86] 2013-11-29 (PCT/EP2013/075170)
[87] (WO2014/083185)
[30] FR (1261477) 2012-11-30

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[13] A1
[51] **Int.Cl. F02C 7/045 (2006.01) B64D 29/06 (2006.01) F02C 7/057 (2006.01) F02K 3/062 (2006.01)**
[25] FR
[54] **ACOUSTICALLY OPTIMIZED AIR INLET SLEEVE**
[54] **MANCHE D'ENTREE D'AIR ACOUSTIQUEMENT OPTIMISEE**
[72] ROMANO, PASCAL, FR
[72] BONNEAU, VIRGINIE, FR
[72] SENSIAU, CLAUDE, FR
[71] SNECMA, FR
[85] 2015-07-16
[86] 2014-01-09 (PCT/FR2014/050026)
[87] (WO2014/111642)
[30] FR (1350449) 2013-01-18

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[21] **2,898,403**
[13] A1
[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/445 (2006.01) A61M 1/00 (2006.01)**
[25] FR
[54] **DEVICE ALLOWING AN ALIMENTARY BOLUS FLOW BETWEEN TWO STOMAS**
[54] **DISPOSITIF PERMETTANT UN FLUX DE BOL ALIMENTAIRE ENTRE DEUX STOMIES**
[72] LOGIER, REGIS, FR
[72] SOZANSKI, JEAN-PIERRE, FR
[72] NZAMUSHE LEPAN MABLA, JEAN-ROBERT, FR
[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE, FR
[85] 2015-07-16
[86] 2014-01-27 (PCT/FR2014/050148)
[87] (WO2014/122378)
[30] FR (FR1300229) 2013-02-05

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[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 9/14 (2006.01)**
[25] FR
[54] **PROCESS FOR TREATING EFFLUENTS CONTAINING NITROGEN IN AMMONIUM FORM, AND EQUIPMENT FOR IMPLEMENTING THIS PROCESS**
[54] **PROCEDE DE TRAITEMENT D'EFFLUENTS CONTENANT DE L'AZOTE SOUS FORME D'AMMONIUM, ET INSTALLATION POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] GRAVELEAU, LAURE, FR
[71] DEGREMONT, FR
[85] 2015-07-16
[86] 2014-01-16 (PCT/IB2014/058331)
[87] (WO2014/111878)
[30] FR (1350447) 2013-01-18

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[13] A1
[51] **Int.Cl. F25D 3/02 (2006.01) F25D 11/00 (2006.01) F25D 3/06 (2006.01)**
[25] EN
[54] **COOLING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE REFROIDISSEMENT**
[72] TANSLEY, IAN, GB
[71] THE SURE CHILL COMPANY LIMITED, GB
[85] 2015-07-16
[86] 2014-01-17 (PCT/GB2014/050145)
[87] (WO2014/111730)
[30] GB (1300885.9) 2013-01-17

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[13] A1
[51] **Int.Cl. A61K 8/55 (2006.01) A61K 9/48 (2006.01) A61K 31/075 (2006.01) A61K 31/137 (2006.01) A61K 31/4748 (2006.01) A61K 47/10 (2006.01)**
[25] EN
[54] **ENHANCED STABILITY OF NOVEL LIQUID COMPOSITIONS**
[54] **STABILITE AMELIOREE DE COMPOSITIONS LIQUIDES NOUVELLES**
[72] AGISIM, GARY ROBERT, US
[72] FRIEDLINE, ROBERT ALAN, US
[72] PATEL, SHIVANGI VIJAYKUMAR, US
[72] SERTZEN, CESAR IVAN, US
[72] SHEPPERSON, VANESSA ROSE, US
[71] PFIZER INC., US
[85] 2015-07-16
[86] 2014-02-13 (PCT/IB2014/058978)
[87] (WO2014/132163)
[30] US (61/770,988) 2013-02-28

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[13] A1
[51] **Int.Cl. C22B 11/00 (2006.01) C22B 3/04 (2006.01) C22B 3/24 (2006.01)**
[25] EN
[54] **METHOD FOR ELUTING GOLD AND SILVER AND METHOD OF RECOVERING GOLD AND SILVER USING SAME**
[54] **PROCEDE D'ELUTION D'OR ET D'ARGENT ET PROCEDE DE RECUPERATION D'OR ET D'ARGENT L'UTILISANT**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] ONO, EIKI, JP
[72] SANO, MASAKI, JP
[72] AOTO, YUKI, JP
[72] IMAGAWA, HARUE, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-16
[86] 2013-02-28 (PCT/JP2013/055561)
[87] (WO2014/132419)

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[13] A1
[51] **Int.Cl. A61H 3/00 (2006.01)**
[25] EN
[54] **GAIT DEVICE WITH A CRUTCH**
[54] **DISPOSITIF POUR LA MARCHE POURVU D'UNE BEQUILLE**
[72] GOFFER, AMIT, IL
[71] REWALK ROBOTICS LTD., IL
[85] 2015-07-15
[86] 2014-01-13 (PCT/IL2014/050030)
[87] (WO2014/111921)
[30] US (13/744,396) 2013-01-17

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] FR
[54] **METHOD FOR MEASURING A PHYSIOLOGICAL PARAMETER, SUCH AS A BIOLOGICAL RHYTHM, ON THE BASIS OF AT LEAST TWO SENSORS, AND ASSOCIATED MEASUREMENT DEVICE**
[54] **PROCEDE DE MESURE D'UN PARAMETRE PHYSIOLOGIQUE TEL QU'UN RYTHME BIOLOGIQUE A PARTIR D'AU MOINS DEUX CAPTEURS - DISPOSITIF DE MESURE ASSOCIE**
[72] LOGIER, REGIS, FR
[72] GROSBOIS, JEAN-MARIE, FR
[72] DASSONNEVILLE, ALAIN, FR
[72] CHAUD, PASCAL, FR
[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE, FR
[71] SOCIETE DE RESSOURCES ET DE DEVELOPPEMENT POUR LES ENTREPRISES ET LES PARTICULIERS, FR
[85] 2015-07-16
[86] 2014-01-31 (PCT/FR2014/050173)
[87] (WO2014/122382)
[30] FR (FR1300228) 2013-02-05

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C08G 67/04 (2006.01) C08K 5/09 (2006.01) C08K 5/49 (2006.01) C09K 8/02 (2006.01) E21B 43/16 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **WELL TREATMENT FLUID MATERIAL AND WELL TREATMENT FLUID COMPRISING THE SAME**
[54] **MATIERE DE FLUIDE DE TRAITEMENT DE PUITS, ET FLUIDE DE TRAITEMENT DE PUITS LA COMPRENANT**
[72] MASAKI, TAKASHI, JP
[72] KOBAYASHI, TAKUMA, JP
[72] YAMAZAKI, MASAHIRO, JP
[72] SATO, HIROYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2015-07-16
[86] 2014-01-14 (PCT/JP2014/050461)
[87] (WO2014/112479)
[30] JP (2013-007374) 2013-01-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE ONSET OF EXTRAPYRAMIDAL SYMPTOMS (EPS) INDUCED BY AN ANTIPSYCHOTIC-BASED TREATMENT**
[54] **METHODE DE PREDICTION DU DEBUT DES SYMPTOMES EXTRAPYRAMIDAUX (EPS) INDUITS PAR UN TRAITEMENT A BASE D'ANTIPSYCHOTIQUES**
[72] MAS HERRERO, SERGI, ES
[72] GASSO ASTORGA, PATRICIA, ES
[72] MALAGELADA GRAU, CRISTINA, ES
[72] BERNARDO ARROYO, MIQUEL, ES
[72] LAFUENTE FLO, AMALIA, ES
[71] CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER), ES
[71] UNIVERSITAT DE BARCELONA, ES
[71] HOSPITAL CLINIC DE BARCELONA, ES
[71] INSTITUT D'INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER, ES
[85] 2015-07-16
[86] 2014-01-24 (PCT/EP2014/051369)
[87] (WO2014/114734)
[30] EP (13382027.4) 2013-01-25

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[13] A1
[51] **Int.Cl. C07K 14/71 (2006.01)**
[25] EN
[54] **A SOLUBLE FIBROBLAST GROWTH FACTOR RECEPTOR 3 (FGR3) POLYPEPTIDE FOR USE IN THE PREVENTION OR TREATMENT OF SKELETAL GROWTH RETARDATION DISORDERS**
[54] **POLYPEPTIDE DE RECEPTEUR 3 DU FACTEUR DE CROISSANCE FIBROBLASTIQUE (FGR3) SOLUBLE POUR L'UTILISATION DANS LA PREVENTION OU LE TRAITEMENT DE TROUBLES DU RETARD DE CROISSANCE SQUELETTIQUE**
[72] GOUZE, ELVIRE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE PAUL SABATIER TOULOUSE III, FR
[85] 2015-07-16
[86] 2013-01-16 (PCT/IB2013/001480)
[87] (WO2014/111744)

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 15/10 (2006.01) A61P 17/00 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **AGENT FOR ELEVATING NITRIC OXIDE CONCENTRATION**
[54] **AGENT ELEVANT LA CONCENTRATION D'OXYDE NITRIQUE**
[72] MORITA, MASAHIKO, JP
[72] KAMIMURA, AYAKO, JP
[71] KYOWA HAKKO BIO CO., LTD., JP
[85] 2015-07-16
[86] 2014-01-21 (PCT/JP2014/051102)
[87] (WO2014/112641)
[30] JP (2013-008239) 2013-01-21

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[13] A1
[51] **Int.Cl. D21C 3/02 (2006.01) D21C 3/24 (2006.01) D21C 9/10 (2006.01) D21C 9/14 (2006.01) D21C 9/147 (2006.01) D21C 9/16 (2006.01)**
[25] EN
[54] **SOFTWOOD KRAFT FIBER HAVING AN IMPROVED .ALPHA.-CELLULOSE CONTENT AND ITS USE IN THE PRODUCTION OF CHEMICAL CELLULOSE PRODUCTS**
[54] **FIBRE KRAFT DE BOIS DE RESINEUX AYANT UNE TENEUR EN CELLULOSE ? AMELIOREE ET SON UTILISATION DANS LA PRODUCTION DE PRODUITS CHIMIQUES CELLULOSIQUES**
[72] NONNI, ARTHUR J., US
[72] COURCHENE, CHARLES E., US
[72] CAMPBELL, PHILIP REED, US
[72] DOWDLE, STEVEN CHAD, US
[72] ENGLE, JOEL MARK, US
[72] CARTER, BLAIR RODERICK, US
[72] SLONE, CHRISTOPHER M., US
[71] GP CELLULOSE GMBH, CH
[85] 2015-07-16
[86] 2014-02-06 (PCT/IB2014/000680)
[87] (WO2014/122533)
[30] US (61/762,532) 2013-02-08
[30] US (61/782,035) 2013-03-14
[30] US (61/789,610) 2013-03-15

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[13] A1
[51] **Int.Cl. A61K 39/04 (2006.01)**
[25] EN
[54] **A SINGLE OR MULTISTAGE MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS SUBUNIT VACCINE**
[54] **VACCIN A SOUS-UNITE CONTRE MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS A UNE OU PLUSIEURS ETAPES**
[72] JUNGERSEN, GREGERS, DK
[72] THAKUR, ANEESH, DK
[72] AAGAARD, CLAUS, DK
[72] ANDERSEN, PETER LAWAETZ, DK
[72] MIKKELSEN, HEIDI, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[71] STATENS SERUM INSTITUT, DK
[85] 2015-07-16
[86] 2014-01-28 (PCT/EP2014/051645)
[87] (WO2014/114812)
[30] EP (13152908.3) 2013-01-28

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION, COATED PARTICLES, INJECTION MATERIAL AND METHOD FOR INJECTING INJECTION MATERIAL INTO FRACTURE**
[54] **COMPOSITION DE RESINE, PARTICULE ENROBEE, AGENT INJECTABLE ET PROCEDE D'INJECTION D'AGENT INJECTABLE DANS UNE FRACTURE**
[72] RAPPOLT, JAMES J., US
[72] SANTORELLI, MICHAEL, US
[72] MORI, MOTOKO, JP
[72] ASAMI, MASAKATSU, JP
[71] DUREZ CORPORATION, US
[71] SUMITOMO BAKELITE CO., LTD., JP
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[30] US (61/755,321) 2013-01-22

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[25] EN
[54] **METHOD FOR LEACHING GOLD FROM GOLD ORE CONTAINING PYRITE**
[54] **PROCEDE DE LIXIVIATION D'OR A PARTIR DE MINERAI D'OR CONTENANT DE LA PYRITE**
[72] HATANO, KAZUHIRO, JP
[72] AOTO, YUKI, JP
[72] KATSUKAWA, KOJI, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-16
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[30] JP (2013-037786) 2013-02-27

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[51] **Int.Cl. C21D 8/02 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **A HIGH-STRENGTH HOT-ROLLED STEEL STRIP OR SHEET WITH EXCELLENT FORMABILITY AND FATIGUE PERFORMANCE AND A METHOD OF MANUFACTURING SAID STEEL STRIP OR SHEET**
[54] **BANDE OU FEUILLE D'ACIER HAUTE RESISTANCE LAMINEE A CHAUD PRESENTANT UNE EXCELLENTE APTITUDE AU FORMAGE ET UNE EXCELLENTE PERFORMANCE DE FATIGUE ET PROCEDE PERMETTANT DE FABRIQUER LADITE BANDE OU FEUILLE D'ACIER**
[72] RIJKENBERG, ROLF ARJAN, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2015-07-16
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[51] **Int.Cl. F04D 29/30 (2006.01) F02B 39/00 (2006.01)**
[25] EN
[54] **TURBOCHARGER IMPELLER, METHOD OF MANUFACTURING THE SAME, TURBOCHARGER, AND TURBOCHARGER UNIT**
[54] **IMPULSEUR POUR TURBOCOMPRESSEUR, PROCEDE DE FABRICATION CORRESPONDANT, TURBOCOMPRESSEUR ET UNITE TURBO**
[72] MATSUDA, MASAAKI, JP
[72] TANEDA, YOSHIO, JP
[72] HIROTA, SHUICHI, JP
[72] HARIMA, HIDETOSHI, JP
[72] INOUE, NOBUHIKO, JP
[72] YONEZAWA, KOICHI, JP
[72] TSUKIYAMA, TAKASHI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-07-16
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[25] EN
[54] **PROSTHETIC HAND SYSTEM**
[54] **SYSTEME DE PROTHESE DE MAIN**
[72] DONATI, GABRIELE, IT
[72] BACCHERETI, MICHELE, IT
[72] FERRETTI, LUCA, IT
[72] PELLICCI, GIAMPAOLO, IT
[72] VITETTA, NADIA, IT
[72] CARBONARO, NICOLA, IT
[72] TOGNETTI, ALESSANDRO, IT
[71] FABRICA MACHINALE S.R.L., IT
[85] 2015-07-16
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[25] EN
[54] **COOLING MECHANISM FOR DATA CENTER**
[54] **MECANISME DE REFROIDISSEMENT POUR CENTRE INFORMATIQUE**
[72] SHIRAIWA, HIROYUKI, JP
[72] KANEO, HIDETOSHI, JP
[71] HACHIYO ENGINEERING CO., LTD., JP
[71] INSTITUE OF NATIONAL COLLEGES OF TECHNOLOGY, JAPAN, JP
[85] 2015-07-16
[86] 2014-02-07 (PCT/JP2014/052854)
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[25] EN
[54] **MONOLITHIC REFRACTORY STRUCTURE**
[54] **STRUCTURE REFRACTAIRE MONOLITHIQUE**
[72] KOHNO, KOHJI, JP
[72] TSUKIGASE, HIROKI, JP
[72] ISHIKAWA, RYUICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-07-16
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[25] EN
[54] **GEAR MACHINING APPARATUS**
[54] **APPAREIL D'USINAGE D'ENGRENAGE**
[72] YOSHIMURA, HITOSHI, JP
[72] ARISAWA, HIDEAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-07-16
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[51] **Int.Cl. A01M 23/04 (2006.01)**
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[54] **AN ENVIRONMENTALLY FRIENDLY DEVICE FOR TRAPPING ANIMALS**
[54] **DISPOSITIF ECOLOGIQUE POUR CAPTURER DES ANIMAUX**
[72] FERRANTE, SERGIO, MT
[71] FERRANTE, SERGIO, MT
[85] 2015-07-16
[86] 2014-01-15 (PCT/IB2014/058288)
[87] (WO2014/111857)
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[51] **Int.Cl. G06K 19/07 (2006.01) H04B 1/59 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **AMPLIFIER CIRCUIT, ANTENNA MODULE, AND RADIO COMMUNICATION DEVICE**
[54] **CIRCUIT AMPLIFICATEUR, MODULE D'ANTENNE ET DISPOSITIF DE COMMUNICATION RADIO**
[72] TSUJI, MASAAKI, JP
[72] KAWAHATA, KOJI, JP
[72] TSUKAMOTO, NOBUNARI, JP
[72] OTSUKI, TAKASHI, JP
[71] RICOH COMPANY, LTD., JP
[85] 2015-07-16
[86] 2014-02-04 (PCT/JP2014/052986)
[87] (WO2014/126026)
[30] JP (2013-027730) 2013-02-15
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[25] EN
[54] **APPARATUS FOR PROVIDING URGENT ALARM SERVICE THROUGH BROADCAST SYSTEM AND METHOD THEREFOR**
[54] **APPAREIL POUR FOURNIR UN SERVICE D'ALARME URGENTE PAR LE BIAIS D'UN SYSTEME DE DIFFUSION ET PROCEDE ASSOCIE**
[72] KWAK, MINSUNG, KR
[72] KIM, JEONGWOO, KR
[71] LG ELECTRONICS INC., KR
[85] 2015-07-16
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[25] EN
[54] **HYDROGEN QUALITY DIFFERENTIATION AT REFUELLING STATION**
[54] **DIFFERENCIATION DES QUALITES D'HYDROGENE EN STATION DE RAVITAILLEMENT**
[72] LOUIS, JURGEN JOHANNES JACOBUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCHAPPIJ B.V., NL
[85] 2015-07-16
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01)**
[25] EN
[54] **CELL COMPOSITIONS DERIVED FROM DEDIFFERENTIATED REPROGRAMMED CELLS**
[54] **COMPOSITIONS CELLULAIRES ISSUES DE CELLULES REPROGRAMMEES DEDIFFERENCIEES**
[72] AGULNICK, ALAN D., US
[72] KELLY, OLIVIA, US
[72] OHI, YUKI, US
[72] ROBINS, ALLAN, US
[72] SCHULTZ, THOMAS, US
[71] VIACYTE, INC., US
[85] 2015-07-15
[86] 2014-02-06 (PCT/US2014/015156)
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[25] EN
[54] **MANAGING STREETLIGHTS**
[54] **GESTION DE REVERBERES**
[72] AGRAWAL, ANIL, US
[71] CIMCON LIGHTING, INC., US
[85] 2015-07-16
[86] 2013-01-17 (PCT/US2013/021957)
[87] (WO2013/109765)
[30] US (61/587,563) 2012-01-17
[30] US (61/587,567) 2012-01-17
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[30] US (61/588,572) 2012-01-19
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[25] EN
[54] **METHOD FOR PREPARING 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)-7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)PROP-2-EN-1-ONE**
[54] **PROCEDE DE PREPARATION DE 1-(4-(4-(3,4-DICHLORO-2-FLUOROPHENYLAMINO)- 7-METHOXYQUINAZOLIN-6-YLOXY)PIPERIDIN-1-YL)PROP-2-EN-1-ONE**
[72] BANG, KEUK CHAN, KR
[72] JUNG, JAE HYUK, KR
[72] MOON, YOUNG HO, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2015-07-16
[86] 2014-01-27 (PCT/KR2014/000752)
[87] (WO2014/116070)
[30] KR (10-2013-0009282) 2013-01-28

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[51] **Int.Cl. E21B 19/18 (2006.01) E21B 4/00 (2006.01) E21B 17/043 (2006.01)**
[25] EN
[54] **DOWNHOLE ROTATIONAL LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE DE ROTATION EN FOND**
[72] KHAPARDE, ASHISH PRAFULLA, IN
[72] THAKUR, DIPENDER RAVINDRA, IN
[72] SONAR, SANDIP SATISH, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-16
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[25] EN
[54] **DETERGENT**
[54] **DETERGENT**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] MERCKX, KELLY PAULA AUGUST, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-07-16
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[25] EN
[54] **STIMULATION OF THE FORNO-DORSO-COMMISSURE (FDC) FOR SEIZURE SUPPRESSION AND MEMORY IMPROVEMENT**
[54] **STIMULATION DE LA COMMISSURE DORSALE DU FORNIX (FDC) POUR LA SUPPRESSION DE CRISE EPILEPTIQUE ET L'AMELIORATION DE LA MEMOIRE**
[72] KOUBEISSI, MOHAMAD, US
[72] DURAND, DOMINIQUE, US
[72] MILLER, JONATHAN, US
[72] LUDERS, HANS, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2015-07-16
[86] 2014-01-16 (PCT/US2014/011872)
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[30] US (61/753,503) 2013-01-17
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[51] **Int.Cl. H04B 1/40 (2015.01) H04B 1/38 (2015.01)**
[25] EN
[54] **METHOD OF CONTROLLING POWER AND ELECTRONIC DEVICE THEREOF**
[54] **PROCEDE DE COMMANDE DE PUISSANCE ET DISPOSITIF ELECTRONIQUE ASSOCIE**
[72] LEE, SEOK-WOO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-07-16
[86] 2014-04-16 (PCT/KR2014/003110)
[87] (WO2014/171668)
[30] KR (10-2013-0041899) 2013-04-16

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/4178 (2006.01) A61P 31/12 (2006.01) C07C 303/32 (2006.01)**
[25] EN
[54] **ALKYL [(S)-1-((S)-2-{5-[4-(4-{2-[(S)-1-((S)-2-METHOXYCARBONYLAMINO-3-METHYL-BUTYRYL)-PYRROLIDINE-2-YL]-3H-IMIDAZOLE-4-YL}-BUTA-1,3-DIENYL)-PHENYL]-1H-IMIDAZOLE-2-YL}-PYRROLIDINE-1-CARBONYL)-2-METHYL-PROPYL]-CARBAMATE NAPHTHALENE-1,5-DISULFONATE, PHARMACEUTICAL COMPOSITION, MEDICAMENT, METHOD FOR TREATMENT OF VIRAL DISEASES**
[54] **ALKYL [(S)-1-((S)-2-{5-[4-(4-{2-[(S)-1-((S)-2-METHOXYCARBONYLAMINO-3-METHYL-BUTIRYL)-PYRROLIDIN-2-YL]-3N-IMIDAZOL-4-YL}-BUTA-1,3-DIINYL)-PHENYL]-1N-IMIDAZOL-2-IY}-PYRROLIDIN-1-CARBONYL)-2-METHYL-PROPYL]-CARBAMAT NAPHTALIN-1,5-DISULPHONATE, COMPOSITION PHARMACEUTIQUE, MEDICAMENT ET PROCEDE DE TRAIEMENT DE MALADIES VIRALES**
[72] IVACHTCHENKO, ALEXANDRE VASILIEVICH, RU
[71] IVASHCHENKO, ANDREY ALEXANDROVICH, RU
[71] SAVCHUK, NIKOLAY FILIPPOVICH, US
[71] IVACHTCHENKO, ALEXANDRE VASILIEVICH, RU
[85] 2015-07-16
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[51] **Int.Cl. C07D 403/12 (2006.01) C07D 237/32 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 403/10 (2006.01) C07D 405/12 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 417/10 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **PHTHALAZINONES AND ISOQUINOLINONES AS ROCK INHIBITORS**
[54] **PHTALAZINONES ET ISOQUINOLINONES EN TANT QU'INHIBITEURS DE ROCK**
[72] GLUNZ, PETER W., US
[72] ZOU, YAN, US
[72] QUAN, MIMI L., US
[72] LADZIATA, VLADIMIR, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2015-07-16
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[51] **Int.Cl. A61K 8/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANUFACTURING CUSTOMIZABLE LIPSTICK IN A RETAIL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE BATON DE ROUGE A LEVRES PERSONNALISABLE DANS UN ENVIRONNEMENT DE VENTE AU DETAIL**
[72] LANGMUIR, SUSANNE, CA
[71] SLF USA INC., CA
[85] 2015-07-16
[86] 2014-01-17 (PCT/US2014/012018)
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[51] **Int.Cl. A61K 31/18 (2006.01) A61P 9/04 (2006.01) C07C 317/14 (2006.01) C07D 307/64 (2006.01)**
[25] EN
[54] **NITROXYL DONORS WITH IMPROVED THERAPEUTIC INDEX**
[54] **DONNEURS NITROXYL PRESENTANT UN COEFFICIENT THERAPEUTIQUE AMELIORE**
[72] KALISH, VINCENT JACOB, US
[72] BROOKFIELD, FREDERICK ARTHUR, GB
[72] COURTNEY, STEPHEN MARTIN, GB
[72] FROST, LISA MARIE, GB
[72] TOSCANO, JOHN P., US
[71] CARDIOXYL PHARMACEUTICALS, INC., US
[85] 2015-07-16
[86] 2014-01-17 (PCT/US2014/012085)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES DONNEURS NITROXYLE**
[72] KALISH, VINCENT JACOB, US
[72] REARDON, JOHN, US
[72] BROOKFIELD, FREDERICK ARTHUR, GB
[72] COURTNEY, STEPHEN MARTIN, GB
[72] FROST, LISA MARIE, GB
[72] TOSCANO, JOHN P., US
[71] CARDIOXYL PHARMACEUTICALS, INC., US
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[86] 2014-01-17 (PCT/US2014/012089)
[87] (WO2014/113700)
[30] US (61/754,237) 2013-01-18
[30] US (61/782,781) 2013-03-14

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[25] EN
[54] **EVALUATION, ASSAYS AND TREATMENT OF PKAL-MEDIATED DISORDERS**
[54] **EVALUATION, DOSAGES ET TRAITEMENT DE TROUBLES DANS LESQUELS INTERVIENT PKAL**
[72] JOSEPH, KUSUMAM, US
[72] KAPLAN, ALLEN P., US
[71] DYAX CORP., US
[85] 2015-07-16
[86] 2014-01-17 (PCT/US2014/012090)
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[25] EN
[54] **MEDICAL REHAB LIFT SYSTEM AND METHOD WITH HORIZONTAL AND VERTICAL FORCE SENSING AND MOTION CONTROL**
[54] **SYSTEME ET PROCEDE DE LEVAGE DE READAPTATION MEDICALE AYANT UNE COMMANDE HORIZONTALE ET VERTICALE DE DETECTION DE FORCE ET DE MOUVEMENT**
[72] STOCKMASTER, JAMES G., US
[72] PEETS, BRIAN G., US
[72] STROHMAN, BENJAMIN A., US
[72] CHERNYAK, ALEXANDER Z., US
[72] REESE, BLAKE, US
[72] WRIGHT, DEAN C., US
[72] LUO, YI, US
[72] LIU, LI-TE, US
[71] GORBEL, INC., US
[85] 2015-07-16
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[30] US (61/755,007) 2013-01-22

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[51] **Int.Cl. B65G 39/12 (2006.01)**
[25] EN
[54] **MULTI-PIECE SHAFT**
[54] **ARBRE MULTIPIECE**
[72] WHITE, DAVID R., US
[72] KIRKPATRICK, TODD W., US
[71] JOY MM DELAWARE, INC., US
[85] 2015-07-16
[86] 2014-01-17 (PCT/US2014/012098)
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[30] US (61/754,122) 2013-01-18

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[51] **Int.Cl. D21C 11/04 (2006.01) C07G 1/00 (2011.01)**
[25] EN
[54] **METHOD FOR PRODUCING HIGH PURITY LIGNIN**
[54] **PROCEDE DE FABRICATION DE LIGNINE DE HAUTE PURETE**
[72] TIKKA, PANU, FI
[71] VALMET AB, SE
[85] 2015-07-16
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[25] EN
[54] **ISOMETHEPTENE ISOMER**
[54] **ISOMERE DE L'ISOMETHEPTENE**
[72] LEDERMAN, SETH, US
[72] DAUGHERTY, BRUCE, US
[72] GERSHELL, LELAND J., US
[72] RIDEOUT, DARRYL, US
[72] KAWASAKI, ANDREW, US
[71] TONIX PHARMACEUTICALS INC., US
[85] 2015-07-16
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[30] US (61/754,281) 2013-01-18
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[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE WITH TOUCH-SENSITIVE DISPLAY AND GESTURE-DETECTION**
[54] **DISPOSITIF ELECTRONIQUE A ECRAN TACTILE ET A DETECTION DE GESTE**
[72] WARDEN, JAMES PAUL, US
[72] GU, HUANHUAN, CA
[72] SHEYNMAN, ARNOLD, US
[71] BLACKBERRY LIMITED, CA
[85] 2015-07-16
[86] 2013-01-16 (PCT/US2013/021737)
[87] (WO2014/112996)

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[51] **Int.Cl. B29C 65/14 (2006.01) B81C 3/00 (2006.01) B29C 65/16 (2006.01) B29C 65/82 (2006.01)**
[25] EN
[54] **MULTILAYER FLUIDIC DEVICES AND METHODS FOR THEIR FABRICATION**
[54] **DISPOSITIFS FLUIDIQUES MULTICOUCHES ET LEURS PROCEDES DE FABRICATION**
[72] FISHER, JEFFREY S., US
[72] MOON, JOHN A., US
[72] VENKATESAN, BALA MURALI, US
[71] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2013-03-13 (PCT/US2013/030940)
[87] (WO2014/142841)

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[13] A1
[51] **Int.Cl. B22C 1/18 (2006.01)**
[25] EN
[54] **CALCIUM HEXALUMINATE-CONTAINING MOLD AND FACECOAT COMPOSITIONS AND METHODS FOR CASTING TITANIUM AND TITANIUM ALUMINIDE ALLOYS**
[54] **COMPOSITIONS DE MOULE ET DE REVETEMENT DE SURFACE CONTENANT DE L'HEXALUMINATE DE CALCIUM ET PROCEDES PERMETTANT DE COULER DES ALLIAGES DE TITANE ET D'ALUMINURE DE TITANE**
[72] BEWLAY, BERNARD PATRICK, US
[72] ELLIS, BRIAN MICHAEL, US
[72] BANCHERI, STEPHEN FRANCIS, US
[72] WEIMER, MICHAEL JAMES, US
[72] MCKIEVER, JOAN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-07-16
[86] 2014-01-21 (PCT/US2014/012301)
[87] (WO2014/120512)
[30] US (13/752,880) 2013-01-29

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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR NUCLEIC ACID SEQUENCING**
[54] **PROCEDES ET COMPOSITIONS POUR LE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] STEEMERS, FRANK, US
[72] AMINI, SASAN, US
[72] GUNDERSON, KEVIN, US
[72] PIGNATELLI, NATASHA, US
[72] GORYSHIN, IGOR, US
[71] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2013-03-13 (PCT/US2013/031023)
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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **OVARIAN CANCER VACCINES AND VACCINATION METHODS**
[54] **VACCINS CONTRE LE CANCER OVARIEN ET METHODES DE VACCINATION**
[72] YU, JOHN S., US
[72] ZHENHUA, LI, US
[72] ORSULIC, SANDRA, US
[72] KARLAN, BETH Y., US
[72] BENDER, JAMES G., US
[71] IMMUNOCELLULAR THERAPEUTICS, LTD., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2015-07-16
[86] 2014-02-14 (PCT/US2014/016562)
[87] (WO2014/127276)
[30] US (61/764,801) 2013-02-14

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/12 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MODIFIED POLYMERASES FOR IMPROVED INCORPORATION OF NUCLEOTIDE ANALOGUES**
[54] **POLYMERASES MODIFIEES POUR L'INCORPORATION AMELIOREE D'ANALOGUES NUCLEOTIDIQUES**
[72] CHEN, CHENG-YAO, US
[72] HE, MOLLY, US
[72] BOMATI, ERIN, US
[72] PEISAJOVICH, SERGIO, US
[71] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2013-03-14 (PCT/US2013/031694)
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[51] **Int.Cl. G09B 9/10 (2006.01) A63G 31/16 (2006.01)**
[25] EN
[54] **MINIMIZING CORIOLIS-TUMBLING INTENSITY IN A CENTRIFUGE-BASED-FLIGHT SIMULATOR**
[54] **MINIMISATION DE L'INTENSITE DU CULBUTAGE DE CORIOLIS DANS UN SIMULATEUR DE VOL A CENTRIFUGEUSE**
[72] NEWMAN, MICHAEL, US
[71] ENVIRONMENTAL TECTONICS CORPORATION, US
[85] 2015-07-16
[86] 2013-03-15 (PCT/US2013/032114)
[87] (WO2014/116283)
[30] US (61/757,492) 2013-01-28
[30] US (13/834,707) 2013-03-15

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ANNULAR FLOW CONTROL DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS DE COMMANDE DE FLUX ANNULAIRE ET PROCEDES D'UTILISATION**
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN, US
[72] LOPEZ, JEAN MARC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-16
[86] 2013-03-26 (PCT/US2013/033833)
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[51] **Int.Cl. A61F 13/04 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **TOTAL CONTACT CAST**
[54] **PLATRE A CONTACT TOTAL**
[72] ANDREWS, HUGH, DE
[72] MCCALL, SCOTT ANDREW, US
[71] BSN MEDICAL, INC., US
[85] 2015-07-16
[86] 2013-04-17 (PCT/US2013/036869)
[87] (WO2014/171928)

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[51] **Int.Cl. G01N 29/06 (2006.01) G01N 29/11 (2006.01) G01N 29/22 (2006.01) G01S 7/52 (2006.01)**
[25] EN
[54] **TRANSFORMING A-SCAN DATA SAMPLES INTO A THREE-DIMENSIONAL SPACE FOR FACILITATING VISUALIZATION OF FLAWS**
[54] **TRANSFORMATION D'ECHANTILLONS DE DONNEES DE BALAYAGE A EN UN ESPACE TRIDIMENSIONNEL PERMETTANT DE FACILITER LA VISUALISATION DE DEFAUTS**
[72] RATERING, RALF, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011589)
[87] (WO2014/116473)
[30] US (13/749,023) 2013-01-24

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[51] **Int.Cl. B01L 3/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANALYTIC DEVICE**
[54] **DISPOSITIF ANALYTIQUE**
[72] DEJOHN, MARC DOMINIC, US
[72] VANWESTRIENEN, JESSE WILSON, US
[72] MASKSUTOVIC, MAXIMILIAN, US
[71] BIOMEME INCORPORATED, US
[85] 2015-07-16
[86] 2014-01-21 (PCT/US2014/012308)
[87] (WO2014/113785)
[30] US (61/754,472) 2013-01-18

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[13] A1
[51] **Int.Cl. B64C 3/14 (2006.01)**
[25] EN
[54] **AN AIRCRAFT WING**
[54] **AILE D'AERONEF**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011596)
[87] (WO2014/163724)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,321) 2014-01-14

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[13] A1
[51] **Int.Cl. B64C 25/34 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR AND METHOD OF OPERATING THE SAME**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF ET SON PROCEDE DE FONCTIONNEMENT**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011602)
[87] (WO2014/113426)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,353) 2014-01-14

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[51] **Int.Cl. B64C 25/10 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR AND METHOD OF OPERATING THE SAME**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF ET SON PROCEDE DE FONCTIONNEMENT**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011622)
[87] (WO2014/113435)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,415) 2014-01-14

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **CHIMERIC AND HUMANIZED ANTI-HISTONE ANTIBODIES**
[54] **ANTICORPS ANTI-HISTONES CHIMERES ET HUMANISES**
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[72] HANSEN, HANS J., US
[71] IMMUNOMEDICS, INC., US
[85] 2015-07-16
[86] 2014-02-14 (PCT/US2014/016402)
[87] (WO2014/127200)
[30] US (61/765,150) 2013-02-15

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SEALANT DELIVERY DEVICE FOR ANASTOMOTIC STAPLER**
[54] **DISPOSITIF D'ADMINISTRATION D'UNE COLLE POUR AGRAFEUSE ANASTOMOTIQUE**
[72] WEADOCK, KEVIN, US
[72] TRANGONE, KEVIN D., US
[72] KRIKSUNOV, LEO B., US
[72] TANNHAUSER, ROBERT J., US
[71] ETHICON, INC., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011574)
[87] (WO2014/113414)
[30] US (13/745,948) 2013-01-21

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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/078 (2010.01) C12N 5/0784 (2010.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C07K 14/71 (2006.01) C07K 14/715 (2006.01) C07K 14/74 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **CANCER VACCINES AND VACCINATION METHODS**
[54] **VACCINS CONTRE LE CANCER ET METHODES DE VACCINATION**
[72] BENDER, JAMES G., US
[72] YU, JOHN S., US
[71] IMMUNOCELLULAR THERAPEUTICS, LTD., US
[85] 2015-07-16
[86] 2014-02-14 (PCT/US2014/016610)
[87] (WO2014/127296)
[30] US (61/764,789) 2013-02-14

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[51] **Int.Cl. B26B 21/52 (2006.01)**
[25] EN
[54] **HANDLE FOR A SHAVER**
[54] **MANCHE POUR UN RASOIR**
[72] CHRISTIE, VANESSA, US
[72] SZCZEPANOWSKI, ANDREW ANTHONY, US
[72] EAGLETON, CHRISTOPHER RAYMOND, GB
[71] THE GILLETTE COMPANY, US
[85] 2015-07-16
[86] 2014-02-20 (PCT/US2014/017234)
[87] (WO2014/130595)
[30] US (61/766,928) 2013-02-20
[30] US (14/090,506) 2013-11-26

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[13] A1
[51] **Int.Cl. G01N 1/10 (2006.01) G01N 21/00 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTI-ANALYSIS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE MULTIPLE**
[72] HOLMES, ELIZABETH A., US
[72] BALWANI, SUNNY, US
[72] CHEN, MICHAEL, US
[72] FRANKOVICH, JOHN K., US
[72] FRENZEL, GARY, US
[72] SUREKHA, GANGAKHEDKAR, US
[72] SAMARTHA, ANEKAL, US
[72] LATH, ADRIT, US
[72] LOO, ALEXANDER, US
[72] PANGARKAR, CHINMAY, US
[72] PATEL, PAUL, US
[72] ROY, JOY, US
[72] SMITH, TIMOTHY, US
[72] YOUNG, DANIEL, US
[71] THERANOS, INC., US
[85] 2015-07-16
[86] 2014-02-18 (PCT/US2014/016997)
[87] (WO2014/127379)
[30] US (13/769,779) 2013-02-18
[30] US (61/766,113) 2013-02-18
[30] US (61/766,119) 2013-02-18
[30] US (13/769,820) 2013-02-18
[30] US (61/766,112) 2013-02-18
[30] US (61/805,923) 2013-03-27
[30] US (PCT/US2014/016548) 2014-02-14
[30] US (14/181,486) 2014-02-14

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[13] A1
[51] **Int.Cl. G06F 15/177 (2006.01)**
[25] EN
[54] **INSTANCE HOST CONFIGURATION**
[54] **CONFIGURATION D'HOTE D'INSTANCE**
[72] KOWALSKI, MARCIN PIOTR, US
[72] PATERSON-JONES, ROLAND, US
[72] GREENFIELD, JAMES ALFRED GORDON, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-16
[86] 2014-01-22 (PCT/US2014/012422)
[87] (WO2014/116619)
[30] US (13/747,176) 2013-01-22
[30] US (13/747,190) 2013-01-22

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[51] **Int.Cl. B64D 33/00 (2006.01) B64C 39/00 (2006.01) B64D 29/04 (2006.01) B64D 33/04 (2006.01) B64D 33/08 (2006.01)**
[25] EN
[54] **AIRCRAFT SUPPLEMENTAL THRUST DEVICE AND METHOD OF OPERATING THE SAME**
[54] **DISPOSITIF DE PROPULSION SUPPLEMENTAIRE POUR AERONEF ET SON PROCEDE DE FONCTIONNEMENT**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011633)
[87] (WO2014/113444)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,469) 2014-01-14

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[51] **Int.Cl. H01R 13/639 (2006.01) B60R 16/02 (2006.01)**
[25] EN
[54] **VEHICLE TO SNOW/ICE CONTROL DEVICE WIRING HARNESS WITH REPLACEABLE CONNECTOR**
[54] **FAISCEAU DE CABLAGE A CONNECTEUR INTERCHANGEABLE POUR LIAISON ENTRE UN VEHICULE ET UN DISPOSITIF DE DENEIGEMENT/DEVERGLACAG E**
[72] WARCHOLA, MARTIN, US
[71] MEYER PRODUCTS, LLC, US
[85] 2015-07-16
[86] 2014-01-22 (PCT/US2014/012486)
[87] (WO2014/116663)
[30] US (61/755,271) 2013-01-22

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[51] **Int.Cl. A61K 31/357 (2006.01)**
[25] EN
[54] **ANTIDIABETIC BICYCLIC COMPOUNDS**
[54] **COMPOSES BICYCLIQUES ANTIDIABETIQUES**
[72] BROCKUNIER, LINDA L., US
[72] CHEN, HELEN, US
[72] CHOBANIAN, HARRY R., US
[72] CLEMENTS, MATTHEW J., US
[72] CRESPO, ALEJANDRO, US
[72] DEMONG, DUANE E., US
[72] GUO, YAN, US
[72] HAGMANN, WILLIAM K., US
[72] MARCANTONIO, KAREN M., US
[72] MILLER, MICHAEL, US
[72] PIO, BARBARA, US
[72] PLUMMER, CHRISTOPHER W., US
[72] XIAO, DONG, US
[71] MERCK SHARPE & DOHME CORP., US
[85] 2015-07-16
[86] 2014-02-20 (PCT/US2014/017264)
[87] (WO2014/130608)
[30] US (61/768,065) 2013-02-22

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[13] A1
[51] **Int.Cl. A61L 12/14 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/14 (2006.01) A61K 31/785 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2006.01) A61K 47/34 (2006.01) A61K 47/44 (2006.01) C08G 73/02 (2006.01)**
[25] EN
[54] **POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS**
[54] **DERIVE DE POLY(AZOTE/AMINE) D'UNE CIRE NATURELLE ET COMPOSITIONS OPHTALMIQUES**
[72] LIU, XIAOJUN MICHAEL, US
[72] FRIDMAN, KRISTA, US
[72] XIA, ERNING, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2015-07-16
[86] 2014-01-23 (PCT/US2014/012676)
[87] (WO2014/116787)
[30] US (61/756,206) 2013-01-24

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[13] A1
[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/24 (2006.01) H05K 1/03 (2006.01)**
[25] EN
[54] **FLEXIBLE CIRCUIT SHEET FOR A NAVIGATED SURGICAL INSTRUMENT**
[54] **FEUILLE DE CIRCUIT SOUPLE POUR INSTRUMENT CHIRURGICAL DE NAVIGATION**
[72] JACOBSEN, BRAD, US
[72] BURG, BRUCE M., US
[72] JAIN, ABHISHEK, US
[72] BZOSTEK, ANDREW, US
[71] MEDTRONIC XOMED, INC., US
[85] 2015-07-16
[86] 2014-01-23 (PCT/US2014/012786)
[87] (WO2014/116853)
[30] US (13/748,150) 2013-01-23

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **SELECTIVE WEED CONTROL METHODS**
[54] **PROCEDES SELECTIFS POUR LUTTER CONTRE LES MAUVAISES HERBES**
[72] DEGENHARDT, RORY, CA
[72] JURAS, LEN, CA
[72] MCGREGOR, BILL, CA
[72] NOTT, PETER, AU
[72] SATCHIVI, NORBERT M., US
[72] WEIMER, MONTE R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-07-16
[86] 2014-01-24 (PCT/US2014/012859)
[87] (WO2014/116894)
[30] US (61/756,920) 2013-01-25

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[13] A1
[51] **Int.Cl. B64C 13/30 (2006.01) B64C 9/04 (2006.01)**
[25] EN
[54] **AIRCRAFT WING FLAP DEVICE AND METHOD OF OPERATING THE SAME**
[54] **DISPOSITIF DE VOLET D'AILE D'AERONEF ET SON PROCEDE DE FONCTIONNEMENT**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011641)
[87] (WO2014/168661)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,661) 2014-01-14

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[13] A1
[51] **Int.Cl. B64C 1/00 (2006.01) F16B 1/00 (2006.01) F16J 12/00 (2006.01) F16M 7/00 (2006.01)**
[25] EN
[54] **AIRCRAFT SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT D'AERONEF**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011658)
[87] (WO2014/113458)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,702) 2014-01-14

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[13] A1
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 1/06 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **AIRCRAFT FUSELAGE**
[54] **FUSELAGE D'AERONEF**
[72] OTTO, WILLIAM M., US
[71] OTTO, WILLIAM M., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011670)
[87] (WO2014/113464)
[30] US (61/753,215) 2013-01-16
[30] US (14/154,756) 2014-01-14

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 37/18 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND PROPYZAMIDE**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**
[72] SATCHIVI, NORBERT M., US
[72] WEIMER, MONTE R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-07-16
[86] 2014-01-24 (PCT/US2014/012913)
[87] (WO2014/116927)
[30] US (61/765,903) 2013-01-25

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[13] A1
[51] **Int.Cl. C12N 9/16 (2006.01) C12N 1/21 (2006.01) C12N 11/00 (2006.01) C12N 15/55 (2006.01) C12P 17/10 (2006.01)**
[25] EN
[54] **ENGINEERED BIOCATALYSTS USEFUL FOR CARBAPENEM SYNTHESIS**
[54] **BIOCATALYSEURS MODIFIES UTILES POUR LA SYNTHESE DE CARBAPENEME**
[72] SUKUMARAN, JOLY, SG
[72] SMITH, DEREK, SG
[72] YANG, HONG, SG
[72] YEO, WAN LIN, SG
[72] MOORE, JEFFREY C., US
[71] CODEXIS, INC., US
[85] 2015-07-16
[86] 2014-01-16 (PCT/US2014/011767)
[87] (WO2014/113521)
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[54] **KV1.3 ANTAGONISTS AND METHODS OF USE**
[54] **ANTAGONISTES DE KV1.3 ET LEURS PROCEDES D'UTILISATION**
[72] CHI, ELLEN, US
[72] EDWARDS, WILSON, US
[72] HUANG, CHICHI, US
[72] LEUNG, WAI-PING, US
[72] SWANSON, RONALD, US
[72] WICKENDEN, ALAN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2015-07-16
[86] 2014-01-24 (PCT/US2014/012932)
[87] (WO2014/116937)
[30] US (61/756,777) 2013-01-25
[30] US (61/757,389) 2013-01-28

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[51] **Int.Cl. B65D 81/26 (2006.01) B65D 81/28 (2006.01)**
[25] EN
[54] **LONG LIFE DOUGH PACKAGE**
[54] **EMBALLAGE DE PATE DE LONGUE CONSERVATION**
[72] CRUMP, JOHN W., US
[71] MULTISORB TECHNOLOGIES, INC., US
[85] 2015-07-16
[86] 2014-01-16 (PCT/US2014/011827)
[87] (WO2014/113556)
[30] US (13/743,640) 2013-01-17

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[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **COILED TUBING SYSTEM WITH MULTIPLE INTEGRAL PRESSURE TRANSDUCERS AND DTS**
[54] **SYSTEME DE TUBE D'INTERVENTION ENROULE AYANT DE MULTIPLES CAPTEURS DE PRESSION INTEGRES, ET SYSTEME TUBULAIRE DENSE**
[72] MCCOLPIN, GLENN ROBERT, US
[72] PARK, BRIAN, US
[72] DIXSON, KENNETH GLENN, US
[72] JAASKELAINEN, MIKKO, US
[72] MICHAELIS, MAXIMO GUSTAVO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-02-07 (PCT/US2014/015367)
[87] (WO2014/130267)
[30] US (13/771,287) 2013-02-20

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[25] EN
[54] **TETRAHYDROPYRROLOTHIAZINE COMPOUNDS**
[54] **COMPOSES TETRAHYDROPYRROLOTHIAZINES**
[72] GREEN, STEVEN JAMES, US
[72] MERGOTT, DUSTIN JAMES, US
[72] WATSON, BRIAN MORGAN, US
[72] WINNEROSKI LEONARD LARRY, JR., US
[71] ELI LILLY AND COMPANY, US
[85] 2015-07-16
[86] 2014-03-04 (PCT/US2014/020070)
[87] (WO2014/143579)
[30] US (61/776,819) 2013-03-12

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 17/01 (2006.01) E21B 17/22 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INSTALLING MULTIPLE FIBER OPTIC CABLES IN COILED TUBING**
[54] **PROCEDE ET DISPOSITIF D'INSTALLATION DE CABLES A FIBRES OPTIQUES MULTIPLES DANS UN TUBE SPIRALE**
[72] MICHAELIS, MAXIMO GUSTAVO, US
[72] PARK, BRIAN V., US
[72] JAASKELAINEN, MIKKO, US
[72] DIXSON, KENNETH GLENN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-16
[86] 2014-02-07 (PCT/US2014/015432)
[87] (WO2014/130268)
[30] US (13/771,332) 2013-02-20

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[51] **Int.Cl. A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING AND CORRECTING ULTRASOUND PHASE DISTORTIONS INDUCED BY ABERRATING MEDIA**
[54] **SYSTEME ET PROCEDE DE MESURE ET DE CORRECTION DE DISTORSIONS DE PHASES ULTRASONORES INDUITES PAR DES MILIEUX ABERRANTS**
[72] HYNYNEN, KULLERVO HENRIK, CA
[72] O'REILLY, MEAGHAN ANNE, CA
[71] SUNNYBROOK HEALTH SCIENCES CENTRE, CA
[85] 2015-07-16
[86] 2014-03-04 (PCT/US2014/020279)
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[51] **Int.Cl. A45D 40/24 (2006.01) A45D 33/26 (2006.01) A45D 33/28 (2006.01) A45D 34/06 (2006.01)**
[25] EN
[54] **COSMETIC PALETTE WITH SELECTION MECHANISM FOR ACHIEVING A PREDEFINED LOOK**
[54] **PALETTE COSMETIQUE A MECANISME DE SELECTION PERMETTANT D'OBTENIR UN LOOK PREDEFINI**
[72] PETERSON, KARA, US
[71] ELC MANAGEMENT LLC, US
[85] 2015-07-16
[86] 2014-02-10 (PCT/US2014/015552)
[87] (WO2014/126846)
[30] US (13/765,534) 2013-02-12

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[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING POWER CONSUMPTION IN A HYBRID ELECTRIC VEHICLE**
[54] **SYSTEME ET PROCEDE PERMETTANT D'OPTIMALISER LA CONSOMMATION D'ENERGIE D'UN VEHICULE ELECTRIQUE HYBRIDE**
[72] RUNDE, JEFFREY K., US
[72] WEST, STEPHEN T., US
[72] HYNES, WILLIAM J., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-16
[86] 2014-03-05 (PCT/US2014/020532)
[87] (WO2014/158848)
[30] US (61/782,476) 2013-03-14

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[51] **Int.Cl. H01H 85/04 (2006.01) H01H 85/20 (2006.01)**
[25] EN
[54] **MEDIUM VOLTAGE CONTROLLABLE FUSE**
[54] **FUSIBLE COMMANDABLE A MOYENNE TENSION**
[72] HORNE, KEVIN M., US
[71] MERSEN USA NEWBURYPORT-MA, LLC, US
[85] 2015-07-16
[86] 2014-02-12 (PCT/US2014/015929)
[87] (WO2014/158392)
[30] US (13/804,384) 2013-03-14

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[51] **Int.Cl. B60L 11/18 (2006.01) B60W 10/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BALANCING STATES OF CHARGE OF ENERGY STORAGE MODULES IN HYBRID VEHICLES**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EQUILIBRER LES ETATS DE CHARGE DE MODULES DE STOCKAGE D'ENERGIE DANS DES VEHICULES HYBRIDES**
[72] PRUITT, PERRY, US
[72] BIEHL, KURT, US
[72] LANGFORD, JUSTIN, US
[72] KELLERMAN, JONATHAN, US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-07-16
[86] 2014-03-06 (PCT/US2014/021068)
[87] (WO2014/149823)
[30] US (61/789,526) 2013-03-15

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[13] A1
[51] **Int.Cl. A43B 23/02 (2006.01) A43C 11/14 (2006.01)**
[25] EN
[54] **FOOTWEAR WITH REACTIVE LAYERS**
[54] **ARTICLE CHAUSSANT AYANT DES COUCHES REACTIVES**
[72] HULL, N. SCOT, US
[71] NIKE INNOVATE C.V., US
[85] 2015-07-16
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[87] (WO2014/130319)
[30] US (13/774,186) 2013-02-22

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[51] **Int.Cl. G09B 23/30 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM, AND METHOD FOR SIMULATING BLOOD FLOW**
[54] **DISPOSITIF, SYSTEME, ET PROCEDE DE SIMULATION DE LA CIRCULATION SANGUINE**
[72] VOZENILEK, JOHN, US
[72] CUSACK, TOM, US
[72] ADMANI, SABEEN, US
[72] BETHKE, ELIOT, US
[72] REGAN, MICHAEL, US
[71] SIMNEXT, LLC, US
[85] 2015-07-16
[86] 2014-03-11 (PCT/US2014/022912)
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[25] EN
[54] **COMBINED POWER TAKE-OFF AND SYNCHRONIZER ASSEMBLY**
[54] **ENSEMBLE PRISE DE FORCE ET SYNCHRONISEUR COMBINES**
[72] RANG, BRIAN L., US
[72] IMAM, NABIL IBRAHIM, US
[72] LOEFFLER, JOHN, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2015-07-16
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[25] EN
[54] **TREATMENT METHODS**
[54] **PROCEDES DE TRAITEMENT**
[72] DRAGAR, CHARLES, AU
[72] FITTON, JANET HELEN, AU
[72] GARDINER, VICKI-ANNE, AU
[72] STRINGER, DAMIEN, AU
[72] KARPINIEC, SAMUEL, AU
[71] MARINOVA PTY LTD, AU
[85] 2015-07-17
[86] 2013-12-20 (PCT/AU2013/001504)
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[30] US (61/756,570) 2013-01-25

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[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/40 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SUCCINIC ACID ESTERS**
[54] **PROCEDE POUR LA PREPARATION D'ESTERS DE L'ACIDE SUCCINIQUE**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[72] VAN BREUGEL, JAN, NL
[71] PURAC BIOCHEM BV, NL
[85] 2015-07-16
[86] 2014-02-13 (PCT/EP2014/052825)
[87] (WO2014/125027)
[30] EP (13155241.6) 2013-02-14
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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **INFANT FORMULA TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SUIVI D'UNE PREPARATION POUR NOURRISSONS**
[72] ROWE, JOHN L., CA
[72] PINEAU, BRAD D., CA
[71] TIMELESS MEDICAL SYSTEMS INC., CA
[85] 2015-07-17
[86] 2013-01-17 (PCT/CA2013/000044)
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[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **LIQUID CONTAINER**
[54] **RECIPIENT POUR LIQUIDE**
[72] STOK, ESTELLA, NL
[72] WONGKEE, ALYSSA, CA
[71] OCE-TECHNOLOGIES B.V., NL
[85] 2015-07-16
[86] 2014-02-19 (PCT/EP2014/053227)
[87] (WO2014/128160)
[30] EP (13155975.9) 2013-02-20

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[51] **Int.Cl. B01D 53/62 (2006.01) C04B 2/10 (2006.01) C04B 7/44 (2006.01)**
[25] EN
[54] **SULPHUR-ASSISTED CARBON CAPTURE AND STORAGE (CCS) PROCESSES AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE CAPTAGE ET DE STOCKAGE DE CARBONE (CSC) A L'AIDE DE SOUFRE**
[72] WOJAK, BOGDAN, CA
[71] WOJAK, BOGDAN, CA
[85] 2015-07-17
[86] 2013-04-15 (PCT/CA2013/000356)
[87] (WO2014/117243)
[30] US (61/758,732) 2013-01-30

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[51] **Int.Cl. G09G 5/38 (2006.01) G06Q 30/04 (2012.01) G06F 3/0484 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE DISPLAY OF A PORTABLE COMPUTING DEVICE**
[54] **PROCEDE DE CONTROLE DE L'AFFICHAGE D'UN DISPOSITIF INFORMATIQUE PORTABLE**
[72] CAISSY, DAVE, CA
[71] CAISSY, DAVE, CA
[85] 2015-07-17
[86] 2014-01-28 (PCT/CA2014/000067)
[87] (WO2014/113883)
[30] US (61/757,406) 2013-01-28
[30] US (14/140,082) 2013-12-24

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[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE ASSOCIES A UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2013-12-26 (PCT/CN2013/090509)
[87] (WO2014/114163)
[30] CN (201310031299.2) 2013-01-28

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[13] A1
[51] **Int.Cl. A61K 39/295 (2006.01)**
[25] EN
[54] **IMPROVED VACCINES FOR HUMAN PAPILLOMA VIRUS AND METHODS FOR USING THE SAME**
[54] **VACCINS AMELIORES POUR LE PAPILLOMA VIRUS HUMAIN ET LEURS PROCEDES D'UTILISATION**
[72] WEINER, DAVID, US
[72] YAN, JIAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2015-07-16
[86] 2014-03-12 (PCT/US2014/025106)
[87] (WO2014/165291)
[30] US (61/777,198) 2013-03-12

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[51] **Int.Cl. F04B 43/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OCULAR SURGERY**
[54] **SYSTEMES ET PROCEDES POUR CHIRURGIE OCULAIRE**
[72] BOURNE, JOHN MORGAN, US
[72] SUSSMAN, GLENN ROBERT, US
[71] NOVARTIS AG, CH
[85] 2015-07-16
[86] 2014-03-14 (PCT/US2014/027271)
[87] (WO2014/152376)
[30] US (61/792,659) 2013-03-15
[30] US (61/935,602) 2014-02-04
[30] US (14/192,349) 2014-02-27

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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OCULAR SURGERY**
[54] **SYSTEMES ET PROCEDES DE CHIRURGIE OCULAIRE**
[72] SUSSMAN, GLENN, US
[71] NOVARTIS AG, CH
[85] 2015-07-16
[86] 2014-03-14 (PCT/US2014/027307)
[87] (WO2014/152405)
[30] US (61/793,840) 2013-03-15
[30] US (61/935,595) 2014-02-04
[30] US (14/191,886) 2014-02-27

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 21/64 (2006.01) G01N 27/02 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **SUPER RESOLUTION IMAGING**
[54] **IMAGERIE A SUPER-RESOLUTION**
[72] KHURANA, TARUN, US
[72] GUNDERSON, KEVIN L., US
[72] WU, YIR-SHYUAN, US
[72] KAIN, ROBERT C., US
[71] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2014-03-14 (PCT/US2014/029037)
[87] (WO2014/144569)
[30] US (13/835,492) 2013-03-15
[30] US (61/788,954) 2013-03-15

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[51] **Int.Cl. B29D 23/00 (2006.01) A61M 39/00 (2006.01) A61M 39/10 (2006.01) B29C 47/00 (2006.01) B29C 47/06 (2006.01) B29C 65/48 (2006.01) B29C 69/00 (2006.01) B32B 1/08 (2006.01) B32B 25/00 (2006.01) B32B 27/00 (2006.01) F16L 11/04 (2006.01) F16L 33/01 (2006.01)**
[25] EN
[54] **EXTRUDABLE MULTILAYER TUBING**
[54] **TUBE MULTI-COUCHE EXTRUDABLE**
[72] BOURGEOIS, PHILIP, US
[72] SHAH, MUNISH, US
[71] TEKNI-PLEX, INC., US
[85] 2015-07-16
[86] 2014-03-18 (PCT/US2014/031011)
[87] (WO2014/153334)
[30] US (13/848,889) 2013-03-22

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[13] A1
[51] **Int.Cl. C07C 275/28 (2006.01) C07C 273/18 (2006.01)**
[25] EN
[54] **UREA DERIVATIVES AND THEIR USE AS FATTY-ACID BINDING PROTEIN (FABP) INHIBITORS**
[54] **DERIVES D'UREE ET LEURS UTILISATIONS EN TANT QU'INHIBITEURS DE LA PROTEINE DE LIAISON A UN ACIDE GRAS (FABP)**
[72] BUETTELMANN, BERND, DE
[72] CECCARELLI, SIMONA M., CH
[72] CONTE, AURELIA, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] NEIDHART, WERNER, CH
[72] OBST SANDER, ULRIKE, CH
[72] RICHTER, HANS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-07-16
[86] 2014-03-17 (PCT/EP2014/055224)
[87] (WO2014/146995)
[30] EP (13160088.4) 2013-03-20

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[13] A1
[51] **Int.Cl. C25C 7/02 (2006.01) C25C 1/12 (2006.01) C25C 7/06 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING CURRENT DISTRIBUTION IN INTERCONNECTED ELECTROLYTIC CELLS**
[54] **DISPOSITIF DE SURVEILLANCE DE DISTRIBUTION DE COURANT DANS DES CELLULES ELECTROLYTIQUES INTERCONNECTEES**
[72] PRADO, FELIX, ES
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2015-07-16
[86] 2014-02-20 (PCT/EP2014/053322)
[87] (WO2014/128211)
[30] IT (MI 2013 A 000235) 2013-02-20

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 48/12 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION DEVICE AND METHOD FOR ALLOCATING SYSTEM INFORMATION AMONG VIRTUAL CARRIERS FOR MACHINE-TYPE COMMUNICATIONS**
[54] **DISPOSITIF DE COMMUNICATION MOBILE ET PROCEDE POUR ATTRIBUER DES INFORMATIONS SYSTEME PARMI DES PORTEUSES VIRTUELLES POUR DES COMMUNICATIONS DE TYPE MACHINE**
[72] WEBB, MATTHEW, GB
[72] KOULAKIOTIS, DIMITRIS, CY
[72] WAKABAYASHI, HIDEJI, GB
[72] MORIOKA, YUICHI, GB
[72] TRUELOVE, STEPHEN, GB
[71] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2014-01-17 (PCT/GB2014/050138)
[87] (WO2014/114918)
[30] GB (1301295.0) 2013-01-24

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[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **DEVICE AND METHOD IN RADIO COMMUNICATION SYSTEM**
[54] **DISPOSITIF ET PROCEDE DANS UN SYSTEME DE RADIOCOMMUNICATION**
[72] XU, XIAODONG, CN
[72] HONG, YATENG, CN
[72] LIU, YA, CN
[72] LUO, CHENGJIN, CN
[71] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2013-12-26 (PCT/CN2013/090514)
[87] (WO2014/114164)
[30] CN (201310030313.7) 2013-01-25

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION DEVICE AND METHOD FOR ALLOCATING RESOURCES OUTSIDE OF A VIRTUAL CARRIER BASED ON UE CAPABILITIES**
[54] **DISPOSITIF DE COMMUNICATION MOBILE ET PROCEDE D'ATTRIBUTION DE RESSOURCES A L'EXTERIEUR D'UNE PORTEUSE VIRTUELLE EN FONCTION DES CAPACITES DES UE**
[72] MORIOKA, YUICHI, GB
[72] WEBB, MATTHEW, GB
[72] WAKABAYASHI, HIDEJI, GB
[72] KOULAKIOTIS, DIMITRIS, CY
[72] TRUELOVE, STEPHEN, GB
[71] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2014-01-17 (PCT/GB2014/050143)
[87] (WO2014/114920)
[30] GB (1301289.3) 2013-01-24

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 88/00 (2009.01)**
[25] EN
[54] **COMMUNICATION METHOD AND DEVICE FOR WIRELESS COMMUNICATION NETWORK AND WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDE ET DISPOSITIF DESTINE A UN RESEAU DE COMMUNICATION SANS FIL ET RESEAU DE COMMUNICATION SANS FIL**
[72] QIN, ZHONGBIN, CN
[71] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2013-12-26 (PCT/CN2013/090529)
[87] (WO2014/117610)
[30] CN (201310036634.8) 2013-01-30

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[13] A1
[51] **Int.Cl. A61F 13/14 (2006.01) A41D 13/00 (2006.01) A41D 13/005 (2006.01) A61F 7/02 (2006.01) A61F 13/08 (2006.01) A61F 13/10 (2006.01)**
[25] EN
[54] **ANATOMICALLY TARGETED COMPRESSION CLOTHING**
[54] **VETEMENT DE COMPRESSION ANATOMIQUEMENT CIBLE**
[72] BARKER, STEPHEN GEORGE EDWARD, GB
[71] ANATOMIC FOCUS LIMITED, GB
[85] 2015-07-17
[86] 2014-01-21 (PCT/GB2014/050155)
[87] (WO2014/114925)
[30] GB (1301116.8) 2013-01-22

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[54] **COMPOSES D'OXAZOLIDINONE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
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[72] XUE, TAO, CN
[72] DING, SHI, CN
[72] GUO, BIN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[71] ZHE JIANG JUTAI PHARMACEUTICAL CO., LTD., CN
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[54] **ENDOSCOPE, PARTICULARLY FOR MINIMALLY INVASIVE SURGERY**
[54] **ENDOSCOPE, NOTAMMENT POUR LA CHIRURGIE MINI-INVASIVE**
[72] FEUSSNER, HUBERTUS, DE
[72] SCHICK, ANTON, DE
[72] RENTSCHLER, PETER, DE
[72] WISSMANN, PATRICK, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **WATERCRAFT COMPRISING A REDUNDANT ENERGY ACCUMULATOR**
[54] **ENGIN NAUTIQUE A ACCUMULATEUR D'ENERGIE REDONDANT**
[72] WALPURGIS, HANS PETER, AT
[71] CAYAGO GMBH, AT
[85] 2015-07-17
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[25] EN
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[54] **COUVERTURE DE MATIERE VOLUMINEUSE DE REGLAGE DES ODEURS**
[72] DONZE, JOSEPH, US
[72] LANZ, JOEL E., US
[72] CODY, LUKE EMMETT, US
[71] LSC ENVIRONMENTAL PRODUCTS, LLC, US
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[54] **WATERCRAFT WITH FLOODING CHAMBER**
[54] **VEHICULE MARIN PRESENTANT UN ESPACE DE MISE EN EAU**
[72] WALPURGIS, HANS PETER, AT
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[54] **ENSEMBLE D'ACCUMULATEURS POUR ENGIN NAUTIQUE**
[72] WALPURGIS, HANS PETER, AT
[71] CAYAGO GMBH, AT
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[54] **CINEMATIQUE DE SIEGE COMPACT**
[72] CAILLETEAU, JEREMY, FR
[71] ZODIAC SEATS FRANCE, FR
[85] 2015-07-17
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[54] **ADAPTING A MOBILE NETWORK**
[54] **ADAPTATION D'UN RESEAU MOBILE**
[72] DUDDA, TORSTEN, DE
[72] WAGER, STEFAN, FI
[72] BERGSTROM, MATTIAS, SE
[72] MULLER, WALTER, SE
[72] XUAN, ZHIYI, SE
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[54] **TREATMENT OF GRAFT VERSUS HOST DISEASE IN TRANSPLANT PATIENTS**
[54] **TRAITEMENT DE LA MALADIE DU GREFFON CONTRE L'HOTE CHEZ DES PATIENTS TRANSPLANTES**
[72] GERGELY, PETER, CH
[72] KURIYAMA, KAZUHIKO, JP
[71] NOVARTIS AG, CH
[71] KYORIN-PHARMACEUTICAL CO., LTD., JP
[85] 2015-07-17
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[54] **CUTTING IMPLEMENT FOR FOOD PROCESSOR**
[54] **ACCESSOIRE DE COUPE POUR ROBOT CULINAIRE**
[72] LI, YONGSEN, CN
[71] DONGGUANHO LI ELECTRIC APPLIANCE CO. LTD., CN
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[25] EN
[54] **METHOD AND APPARATUS FOR NORMALIZED AUDIO PLAYBACK OF MEDIA WITH AND WITHOUT EMBEDDED LOUDNESS METADATA ON NEW MEDIA DEVICES**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE LECTURE AUDIO NORMALISEE D'UN CONTENU MULTIMEDIA AVEC ET SANS DES METADONNEES INTEGREES DE VOLUME SONORE SUR DE NOUVEAUX DISPOSITIFS MULTIMEDIAS**
[72] BLEIDT, ROBERT, US
[71] FRAUNHOFER-GELELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
[85] 2015-07-17
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[25] EN
[54] **SYSTEMS AND METHODS FOR MITIGATING UNDESIRED TEMPERATURE CHANGES DURING FOOD PROCESSING**
[54] **SYSTEMES ET PROCEDES POUR ATTENUER LES VARIATIONS DE TEMPERATURE NON SOUHAITEES PENDANT LE TRAITEMENT D'ALIMENTS**
[72] CUMMINGS, DANIEL LOUIS, US
[72] MOSSER, CHRISTOPHER PAUL, US
[71] NESTEC S.A., CH
[85] 2015-07-17
[86] 2013-12-31 (PCT/IB2013/061458)
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[25] EN
[54] **APOLIPOPROTEIN A-I DERIVED PEPTIDES FOR TREATMENT OF HYPERGLYCAEMIA**
[54] **PEPTIDES DERIVES D'APOLIPOPROTEINE A-I POUR LE TRAITEMENT DE L'HYPERGLYCEMIE**
[72] LAGERSTEDT, JENS, SE
[72] STENKULA, KARIN, SE
[71] LAGERSTEDT, JENS, SE
[71] STENKULA, KARIN, SE
[85] 2015-07-17
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[54] **HIGH DENSITY, HIGH DRY-RESIN CONTENT FABRIC FOR RIGID COMPOSITE BALLISTIC ARMOR**
[54] **TISSU A TENEUR ELEVEE EN RESINE SECHE ET A HAUTE DENSITE POUR UN BLINDAGE BALISTIQUE A COMPOSITE RIGIDE**
[72] VAN HEERDEN, JASON AARON, CA
[71] BARRDAY CORP., US
[85] 2015-07-16
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[54] **METHODS OF TREATING CARDIOVASCULAR INDICATIONS**
[54] **METHODES DE TRAITEMENT D'INDICATIONS CARDIOVASCULAIRES**
[72] HOLZMEISTER, JOHANNES, CH
[71] CARDIORENTIS LTD., CH
[85] 2015-07-17
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[54] **CONCEPT FOR CODING MODE SWITCHING COMPENSATION**
[54] **CONCEPT DE COMPENSATION DE COMMUTATION DE MODE DE CODAGE**
[72] DIETZ, MARTIN, DE
[72] FOTOPOULOU, ELENI, DE
[72] LECOMTE, JEREMIE, DE
[72] MULTRUS, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
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[25] EN
[54] **ABIRATERONE AND ANALOGS THEREOF FOR THE TREATMENT OF DISEASES ASSOCIATED WITH CORTISOL OVERPRODUCTION**
[54] **ABIRATERONE ET SES ANALOGUES POUR LE TRAITEMENT DE MALADIES ASSOCIEES A UNE SURPRODUCTION DE CORTISOL**
[72] KOZIOL, THEODORE RICHARD, US
[72] REISER, H. JOSEPH, US
[71] CORTENDO AB (PUBL), US
[85] 2015-07-17
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[25] EN
[54] **NOVEL FUNCTIONALIZED 4-(PHENOXYMETHYL)-1,3-DIOXOLANE ANALOGS EXHIBITING CYTOCHROME P450 INHIBITION AND THEIR METHOD OF USE**
[54] **NOUVEAUX ANALOGUES 4-(PHENOXYMETHYL)-1,3-DIOXOLANE FONCTIONNALISES PRESENTANT UNE INHIBITION DU CYTOCHROME P450 ET LEUR PROCEDE D'UTILISATION**
[72] CHILDERS, WAYNE E., US
[72] ABOU-GHARBIA, MAGID A., US
[72] BLASS, BENJAMIN ERIC, US
[71] CORTENDO AB (PUBL), US
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[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN ENCODED SIGNAL AND ENCODER AND METHOD FOR GENERATING AN ENCODED SIGNAL**
[54] **APPAREIL ET PROCEDE POUR TRAITER UN SIGNAL CODE, ET CODEUR ET PROCEDE POUR GENERER UN SIGNAL CODE**
[72] FUCHS, GUILLAUME, DE
[72] GRILL, BERNHARD, DE
[72] LUTZKY, MANFRED, DE
[72] MULTRUS, MARKUS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
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[25] EN
[54] **EVAPORATOR ARRAY FOR A WATER TREATMENT SYSTEM**
[54] **RESEAU D'EVAPORATEURS POUR UN SYSTEME DE TRAITEMENT D'EAU**
[72] SCHMIDT, YANIV, IL
[71] I.D.E. TECHNOLOGIES LTD., IL
[85] 2015-07-17
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[51] **Int.Cl. G07F 17/32 (2006.01) G06F 7/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CENTRALIZED RANDOM NUMBER GENERATOR PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE GENERATEUR DE NOMBRE ALEATOIRE CENTRALISE**
[72] PIRVU, BOGDAN, AT
[72] PITULEJ, DARIUSZ, AT
[72] CHYLA, DARIUSZ, AT
[71] NOVOMATIC AG, AT
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[54] **UN EVAPORATEUR POUR LE TRAITEMENT D'EAU**
[72] REUVENI, EREZ, IL
[72] ROJANSKIY, HENRIKH, IL
[72] SCHMIDT, YANIV, IL
[72] SCHWARCZ, ELAZAR, IL
[72] WEISS, YONY, IL
[72] YULZARI, DEYAN, IL
[72] ZAKEN, ROI, IL
[71] I.D.E. TECHNOLOGIES LTD., IL
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[54] **REAL-TIME BETTING SYSTEM AND METHOD INCLUDING A JACKPOT**
[54] **SYSTEME DE PARI EN TEMPS REEL ET PROCEDE COMPRENANT UN JACKPOT**
[72] ZIMMERL, MARTIN, AT
[71] NOVOMATIC AG, AT
[85] 2015-07-17
[86] 2014-02-01 (PCT/EP2014/051973)
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[54] **FOOD FORMING CONCEPT**
[54] **CONCEPT DE FORMATION D'ALIMENTS**
[72] VAN GERWEN, HENDRIKUS PETRUS GERARDUS, NL
[72] SCHOENMAKERS, PETRUS HUBERTUS MARIA, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2015-07-17
[86] 2014-02-03 (PCT/EP2014/052050)
[87] (WO2014/118368)
[30] EP (13153652.6) 2013-02-01
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**
[54] **PROCEDES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE PRONOSTIC DE LESION RENALE ET D'INSUFFISANCE RENALE**
[72] ANDERBERG, JOSEPH, US
[72] GRAY, JEFF, US
[72] MCPHERSON, PAUL, US
[72] NAKAMURA, KEVIN, US
[72] KAMPF, JAMES, PATRICK, US
[71] ASTUTE MEDICAL, INC., US
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[25] EN
[54] **SYNERGISTIC COMPOSITIONS COMPRISING A BACILLUS SUBTILIS STRAIN AND A BIOPESTICIDE**
[54] **COMPOSITIONS SYNERGIQUES COMPRENANT UNE SOUCHE DE BACILLUS SUBTILIS ET UN BIOPESTICIDE**
[72] JABS, THORSTEN, DE
[72] SEEVERS, KURT, US
[72] REINOT, EDA, US
[71] BASF CORPORATION, US
[85] 2015-07-17
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[51] **Int.Cl. B32B 15/08 (2006.01) B29C 45/14 (2006.01) B32B 15/085 (2006.01)**
[25] EN
[54] **SHAPED AND COATED METALLIC MATERIAL, COMPOSITE, AND METHOD FOR MANUFACTURING SHAPED AND COATED METALLIC MATERIAL AND COMPOSITE**
[54] **MATERIAU METALLIQUE FACONNE ET REVETU, COMPOSITE, ET PROCEDE DE FABRICATION DU MATERIAU METALLIQUE FACONNE ET REVETU ET COMPOSITE**
[72] MORIKAWA, SHIGEYASU, JP
[72] TSUJIMURA, TAKAO, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2015-07-17
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[30] JP (2013-007216) 2013-01-18

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[25] EN
[54] **INTEGRATED SLIDING SEAL FLUID PATHWAY CONNECTION AND DRUG CONTAINERS FOR DRUG DELIVERY PUMPS**
[54] **RACCORDEMENT DE TRAJET DE FLUIDE A OPERCULE COULISSANT INTEGRE ET RECIPIENTS POUR MEDICAMENTS POUR POMPES D'ADMINISTRATION DE MEDICAMENTS**
[72] CLEMENTE, MATTHEW J., US
[72] HANSON, IAN B., US
[72] BENTE IV, PAUL F., US
[72] AGARD, RYAN M., US
[72] CICCARELLI, NICHOLAS J., US
[71] UNITRACT SYRINGE PTY LTD, AU
[85] 2015-07-17
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[87] (WO2014/116274)
[30] US (61/756,638) 2013-01-25

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[51] **Int.Cl. A61B 1/005 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **INTEGRATED STEERING DEVICE**
[54] **DISPOSITIF DE DIRECTION INTEGRE**
[72] SIMCHONY, TAL, IL
[72] SINAY, AVRAHAM, IL
[72] KRIVORUK, ILIA, IL
[71] G.I. VIEW LTD., IL
[85] 2015-07-17
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[25] EN
[54] **DIGITISED HANDWRITTEN SIGNATURE AUTHENTICATION**
[54] **AUTHENTIFICATION DE SIGNATURE MANUSCRITE NUMERISEE**
[72] CECE, PHILIPPE, FR
[71] INGENICO GROUP, FR
[85] 2015-07-17
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[30] FR (1351087) 2013-02-08

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[54] **ALKYLGLYCOSIDES UTILISES COMME TENSIOACTIFS**
[72] BAUER, FREDERIC, DE
[72] ESKUCHEN, RAINER, DE
[72] DIMITROVA, PEPA, DE
[71] BASF SE, DE
[85] 2015-07-17
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[54] **METHOD FOR CONTROLLING PESTS**
[54] **PROCEDE DE LUTTE CONTRE LES ANIMAUX NUISIBLES**
[72] SHIMIZU, CHIE, JP
[72] KAMEZAKI, MASASHI, JP
[72] NOKURA, YOSHIHIKO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **PATIENT CARE DEVICE-SPECIFIC CONFIGURATION OUTPUT**
[54] **RESULTAT DE CONFIGURATION SPECIFIQUE A UN DISPOSITIF DE SOINS DE PATIENT**
[72] SCHNEIDER, DENNIS I., US
[72] TRIBBLE, DENNIS A., US
[71] BAXTER CORPORATION ENGLEWOOD, US
[85] 2015-07-17
[86] 2013-03-15 (PCT/US2013/032533)
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[54] **COMBINATION THERAPY OF ANTIBODIES AGAINST HUMAN CSF-1R AND TLR9 AGONIST**
[54] **POLYTHERAPIE D'ANTICORPS CONTRE UN AGONISTE DE CSF-1R ET DE TLR9 HUMAIN**
[72] HOVES, SABINE, DE
[72] RIES, CAROLA, DE
[72] RUETTINGER, DOMINIK, DE
[72] WARTHA, KATHARINA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **VANNE A GUILLOTINE**
[72] PALOMEQUE, MANUEL, ES
[71] ORBINOX VALVES INTERNATIONAL, S.L., ES
[85] 2015-07-17
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[25] EN
[54] **COATED SHAPED METAL MATERIAL**
[54] **MATERIAU METALLIQUE FACONNE REVETU**
[72] MORIKAWA, SHIGEYASU, JP
[72] NAKANO, TADASHI, JP
[72] YAMAMOTO, MASAYA, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2015-07-17
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[25] EN
[54] **STIRRED TANK REACTOR**
[54] **REACTEUR A CUVE AGITEE**
[72] LATVA-KOKKO, MARKO, FI
[72] RITASALO, TEEMU, FI
[72] VAARNO, JUSSI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2015-07-17
[86] 2014-01-29 (PCT/FI2014/050068)
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[54] **METHOD FOR GENERATING IMAGE**
[54] **PROCEDE POUR GENERER UNE IMAGE**
[72] LIU, DEHONG, US
[72] BOUFOUNOS, PETROS, US
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-07-17
[86] 2013-12-09 (PCT/JP2013/083534)
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[54] **COMPOSITIONS FOR THE SYSTEMIC TREATMENT OF PATHOLOGICAL CONDITIONS RESULTING FROM OXIDATIVE STRESS AND/OR REDOX IMBALANCE**
[54] **COMPOSITIONS POUR LE TRAITEMENT SYSTEMIQUE D'AFFECTIONS PATHOLOGIQUES RESULTANT DU STRESS OXYDATIF ET/OU DU DESEQUILIBRE REDOX**
[72] GOJON ROMANILLOS, GABRIEL, MX
[71] NUEVAS ALTERNATIVAS NATURALES THERMAFAT, S.A.P.I. DE C.V., MX
[85] 2015-07-17
[86] 2014-01-28 (PCT/MX2014/000029)
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[25] EN
[54] **TISSUE ROLL-HANDLING CLAMP**
[54] **DISPOSITIF DE PREHENSION POUR LA MANIPULATION D'UN ROULEAU DE PAPIER A USAGE SANITAIRE ET DOMESTIQUE**
[72] LYDA, STEPHEN P., US
[71] CASCADE CORPORATION, US
[85] 2015-07-17
[86] 2013-08-27 (PCT/US2013/056829)
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[25] EN
[54] **SUPERCONDUCTING DEVICE WITH AT LEAST ONE ENCLOSURE**
[54] **DISPOSITIF SUPRACONDUCTEUR AYANT AU MOINS UNE ENVELOPPE**
[72] SCHOELKOPF, ROBERT JOHN, III, US
[72] BRECHT, TERESA, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
[85] 2015-07-17
[86] 2014-01-17 (PCT/US2014/012073)
[87] (WO2014/163728)
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[25] EN
[54] **SHAFT DISPLACEMENT CONTROL**
[54] **COMMANDE DE DEPLACEMENT D'ARBRE**
[72] COPELAND, ANDREW D., US
[72] COOKERLY, ALAN B., US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2015-07-17
[86] 2013-12-03 (PCT/US2013/072771)
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[25] EN
[54] **METHOD FOR SEPARATING CELL FROM BIOLOGICAL TISSUE**
[54] **PROCEDE DE SEPARATION DE CELLULES D'UN TISSU BIOLOGIQUE**
[72] GOTO, MASAFUMI, JP
[72] MURAYAMA, KAZUTAKA, JP
[72] YAMAGATA, YOUHEI, JP
[72] WATANABE, KIMIKO, JP
[71] TOHOKU UNIVERSITY, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, JP
[85] 2015-07-17
[86] 2014-01-31 (PCT/JP2014/000527)
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[54] **A LUBRICATING COMPOSITION AND A METHOD FOR PREPARING THE SAME**
[54] **COMPOSITION LUBRIFIANTE ET PROCEDE POUR LA PREPARATION DE CELLE-CI**
[72] RANDISI, SAI A., US
[71] RANDISI, SAI A., US
[85] 2015-07-17
[86] 2014-01-17 (PCT/US2014/012078)
[87] (WO2014/113692)
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[25] EN
[54] **SYSTEMS AND METHODS OF CONDUCTING CONFERENCE CALLS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE REALISER DES CONFERENCES TELEPHONIQUES**
[72] ARORA, NEHAR, US
[71] VONAGE NETWORK LLC, US
[85] 2015-07-17
[86] 2013-12-12 (PCT/US2013/074722)
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[25] EN
[54] **ACTUATOR UNIT**
[54] **UNITE D'ACTIONNEUR**
[72] OGAWA, TAKAYUKI, JP
[71] KAYABA INDUSTRY CO., LTD., JP
[85] 2015-07-17
[86] 2014-01-15 (PCT/JP2014/050506)
[87] (WO2014/125854)
[30] JP (2013-027243) 2013-02-15

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[25] EN
[54] **METHOD FOR DOWNHOLE CUTTING OF AT LEAST ONE LINE DISPOSED OUTSIDE AND ALONG A PIPE STRING IN A WELL, AND WITHOUT SIMULTANEOUSLY SEVERING THE PIPE STRING**
[54] **PROCEDE DE COUPE DE FOND DE TROU D'AU MOINS UNE CONDUITE DISPOSEE A L'EXTERIEUR ET LE LONG D'UN TRAIN DE TIGES DANS UN PUITS, ET SANS SEPARATION SIMULTANEE DU TRAIN DE TIGES**
[72] MYHRE, MORTEN, NO
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] ENGELSGJERD, ERLEND, NO
[72] IUELL, MARKUS, NO
[72] OSTVOLD, ARNOLD, NO
[72] DAHL, ARNT OLAV, NO
[71] WELL TECHNOLOGY AS, NO
[85] 2015-07-17
[86] 2014-02-05 (PCT/NO2014/050020)
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[54] **REALTIME INSPECTION MANAGEMENT**
[54] **GESTION D'INSPECTION EN TEMPS REEL**
[72] MESSINGER, JASON HOWARD, US
[72] WARD, ROBERT CARROLL, US
[72] DOMKE, MICHAEL CHRISTOPHER, US
[72] SOORIANARAYANAN, SEKHAR, IN
[72] SBIHLI, SCOTT LEO, US
[72] LAMBDIN, THOMAS ELDRED, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-07-17
[86] 2013-12-17 (PCT/US2013/075634)
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[51] **Int.Cl. H01L 39/14 (2006.01) H01L 27/18 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING A SUPERCONDUCTING DEVICE WITH AT LEAST ONE ENCLOSURE**
[54] **PROCEDES DE FABRICATION D'UN DISPOSITIF SUPRACONDUCTEUR A AU MOINS UNE ENCEINTE**
[72] SCHOELKOPF, ROBERT JOHN, III, US
[72] BRECHT, TERESA, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
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[86] 2014-01-17 (PCT/US2014/012080)
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[30] US (61/754,298) 2013-01-18
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[54] **PHENOXYALKYLAMINE COMPOUND**
[54] **COMPOSE DE PHENOXYALKYLAMINE**
[72] KANAI, YOSHIKATSU, JP
[72] NAGAMORI, SHUSHI, JP
[72] KITAURA, YOSHIHIKO, JP
[72] NEYA, MASAHIRO, JP
[72] MATSUSHITA, NAOHIRO, JP
[71] OSAKA UNIVERSITY, JP
[71] KNC LABORATORIES CO., LTD., JP
[85] 2015-07-17
[86] 2014-01-21 (PCT/JP2014/051144)
[87] (WO2014/112646)
[30] JP (2013-008785) 2013-01-21

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[51] **Int.Cl. E21B 7/02 (2006.01) E21B 7/28 (2006.01) E21D 3/00 (2006.01)**
[25] EN
[54] **ROCK DRILLING CONFIGURATION AND METHOD FOR LATERAL POSITIONING OF A DRILLING ARRANGEMENT**
[54] **CONFIGURATION DE FORAGE DE ROCHES ET PROCEDE DE POSITIONNEMENT LATERAL D'UN ENSEMBLE DE FORAGE**
[72] JORMVIK, FREDRIK, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2015-07-17
[86] 2014-02-28 (PCT/SE2014/050245)
[87] (WO2014/133445)
[30] SE (1350252-1) 2013-03-01

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[51] **Int.Cl. C22B 3/46 (2006.01) C22B 3/06 (2006.01) C22B 3/22 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **EXTRACTION OF METALS FROM METALLIC COMPOUNDS**
[54] **EXTRACTION DE METAUX A PARTIR DE COMPOSES METALLIQUES**
[72] KASAINI, HENRY, US
[71] RARE ELEMENT RESOURCES LTD., US
[85] 2015-07-17
[86] 2014-01-18 (PCT/US2014/012153)
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[54] **REAGENTS FOR IMPROVING PCR ACCURACY**
[54] **REACTIFS PERMETTANT D'AMELIORER LA PRECISION D'UNE ACP**
[72] RICE, JOHN, US
[72] WANGH, LAWRENCE J., US
[72] REIS, ARTHUR H., JR., US
[72] PIERCE, KENNETH, US
[72] HARTSHORN, CRISTINA, US
[72] SANCHEZ, J. AQUILES, US
[72] VAN HOOSER, STEPHEN, US
[72] FISHBEIN, SKYE, US
[71] BRANDEIS UNIVERSITY, US
[85] 2015-07-17
[86] 2014-01-23 (PCT/US2014/012794)
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[54] **TARGETING GLI PROTEINS IN HUMAN CANCER BY SMALL MOLECULES**
[54] **CIBLAGE DE PROTEINES GLI A L'AIDE DE PETITES MOLECULES DANS UN CANCER HUMAIN**
[72] HE, BIAO, US
[72] MANN, MICHAEL, US
[72] JABLONS, DAVID M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-07-17
[86] 2014-01-22 (PCT/US2014/012466)
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[72] OGAWA, TAKAYUKI, JP
[71] KAYABA INDUSTRY CO., LTD., JP
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[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING SPASTICITY**
[54] **METHODE ET COMPOSITION POUR LE TRAITEMENT DE L'HYPERTONIE SPASTIQUE**
[72] MARSALA, MARTIN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-07-17
[86] 2014-01-22 (PCT/US2014/012467)
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[30] US (61/755,567) 2013-01-23

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[25] EN
[54] **IL-11R BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON A IL-11R ET LEURS UTILISATIONS**
[72] EDWARDS, KIRSTEN MAE, AU
[72] HARDY, MATTHEW PHILIP, AU
[72] RAYZMAN, VERONIKA, AU
[72] WILSON, MICHAEL, AU
[71] CSL LIMITED, AU
[85] 2015-07-20
[86] 2014-02-06 (PCT/AU2014/000083)
[87] (WO2014/121325)
[30] AU (2013900389) 2013-02-07
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[25] EN
[54] **DOSAGE FORMS AND THERAPEUTIC USES OF L-4-CHLOROKYNURENINE**
[54] **FORMES GALENIQUES ET UTILISATIONS THERAPEUTIQUES DE L-4-CHLOROKYNURENINE**
[72] SNODGRASS, H. RALPH, US
[72] CATO, ALLEN E., US
[72] HICKLIN, JACK S., US
[71] VISTAGEN THERAPEUTICS, INC., US
[85] 2015-07-17
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[25] EN
[54] **CARDIAC TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT CARDIAQUE**
[72] HJELLE, AARON, US
[72] COHN, WILLIAM E., US
[72] SCHROEDER, RICHARD F., US
[72] BUCK, JAMES F., US
[72] LEINSING, KARL R., US
[71] MARDIL, INC., US
[85] 2015-04-09
[86] 2013-10-14 (PCT/US2013/064894)
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[51] **Int.Cl. H02K 16/02 (2006.01) H02K 1/27 (2006.01)**
[25] EN
[54] **ELECTRIC APPARATUS USING EDDY CURRENT GENERATION FOR TRANSMITTING TORQUE BETWEEN TWO ADJACENT ROTORS**
[54] **APPAREIL ELECTRIQUE UTILISANT UNE PRODUCTION DE COURANT DE FOUCAULT POUR TRANSMETTRE UN COUPLE ENTRE DEUX ROTORS ADJACENTS**
[72] BLANCHET, PIERRE, CA
[72] TROTTIER, GILLES, CA
[71] IDENERGIE INC., CA
[85] 2015-07-20
[86] 2013-01-18 (PCT/CA2013/000052)
[87] (WO2013/106919)
[30] US (61/588,777) 2012-01-20

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[25] EN
[54] **AIRCRAFT THRUST, ASSEMBLY, AND METHODS**
[54] **POUSSEE D'AERONEF, ENSEMBLE ET PROCEDES**
[72] ENDRES, STEVEN P., US
[71] EXHAUSTLESS, INC., US
[85] 2015-07-17
[86] 2014-01-22 (PCT/US2014/012603)
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[30] US (13/747,333) 2013-01-22

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[25] EN
[54] **PROPULSION SYSTEM USING LARGE SCALE VORTEX GENERATORS FOR FLOW REDISTRIBUTION AND SUPERSONIC AIRCRAFT EQUIPPED WITH THE PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION UTILISANT DES GENERATEURS DE VORTEX A GRANDE ECHELLE POUR UNE REDISTRIBUTION D'ECOULEMENT ET AERONEF SUPERSONIQUE EQUIPE DU SYSTEME DE PROPULSION**
[72] RYBALKO, MICHAEL, US
[72] CONNORS, TIMOTHY, US
[72] WAYMAN, TOM, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
[85] 2015-07-17
[86] 2014-02-05 (PCT/US2014/014790)
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[54] **DISPOSITIF DE SURVEILLANCE PHYSIOLOGIQUE**
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[72] BAHNEY, TIMOTHY J., US
[72] SEPULVEDA, GENARO S., US
[72] HO, HUNG H., US
[72] DAY, MARK J., US
[72] TAMURA, YURIKO, US
[71] IRHYTHM TECHNOLOGIES, INC., US
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[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE FLUIDE**
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[72] LIU, LU, US
[72] SYLVESTER, PAUL, US
[71] ENERGYSOLUTIONS, INC., US
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[54] **ENCAS CONTENANT DU FRUIT ET LEUR PROCEDE DE FABRICATION**
[72] LOCK, MICHELLE LOUISE, GB
[72] BARLOW, BEN, GB
[72] BARRETT, ADRIENNE, GB
[72] BOWS, JOHN RICHARD, GB
[72] CRAWFORD, BEVERLEY, GB
[72] PEART, JOANNA LOUISE, GB
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[54] **MALADIES LIEES A UN ALDEHYDE TOXIQUE ET TRAITEMENT**
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[72] YOUNG, SCOTT, US
[72] KINNEY, WILLIAM A., US
[72] MANDELL, KENNETH J., US
[71] ALDEYRA THERAPEUTICS, INC., US
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[54] **ADAPTATION DU VIRUS DE LA GRIPPE H5 A L'HOMME**
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[72] RAMAN, RAHUL, US
[72] THARAKARAMAN, KANNAN, US
[72] VISWANATHAN, KARTHIK, US
[72] STEBBINS, NATHAN WILSON, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **SYSTEME ET PROCEDE D'UTILISATION DE DONNEES D'IMAGE POUR PLACER UN MEMBRE**
[72] MACHT, DAVID E., US
[71] MEDTRONIC NAVIGATION, INC., US
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[72] STEVINSON, DEAN, US
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[54] **INSTRUMENT CHIRURGICAL A DISPOSITIF DE SUIVI CONNECTE PAR LE BIAIS D'UN CIRCUIT SOUPLE**
[72] JACOBSEN, BRAD, US
[72] BURG, BRUCE M., US
[72] BLOCK, OREY G., US
[72] BZOSTEK, ANDREW, US
[72] DOERR, VINCE J., US
[72] JAIN, ABHISHEK, US
[72] MERKL, BRANDON, US
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[72] NOKURA, YOSHIHIKO, JP
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[54] **MECANISME D'ENTRAINEMENT POUR DES POMPES D'ADMINISTRATION DE MEDICAMENT AVEC INDICATION D'ETAT INTEGREE**
[72] AGARD, RYAN M., US
[72] HANSON, IAN B., US
[72] CICCARELLI, NICHOLAS J., US
[72] O'CONNOR, SEAN M., US
[72] BOKELMAN, KEVIN, US
[72] BENTE, PAUL F., IV, US
[71] UNITRACT SYRINGE PTY LTD, AU
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[54] **PROCEDES ET DISPOSITIFS POUR DETERMINER LA MOYENNE QUADRATIQUE D'UN SIGNAL MODULE PAR MODULATION DELTA-SIGMA**
[72] DIONNE, DONALD JEFFREY, CA
[72] MCCANN, JENNIFER MARIE, CA
[72] HOWSE, BRIAN LEONARD WILLIAM, CA
[71] SMART ENERGY INSTRUMENTS INC., CA
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[54] **COMPOSITION ET PROCEDE PERMETTANT DE LUTTER CONTRE LES ANIMAUX NUISIBLES**
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[72] NOKURA, YOSHIHIKO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[72] REN, HONG, US
[72] SUN, THOMAS, US
[71] RIGEL PHARMACEUTICALS, INC., US
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[54] **THERMALLY STRATIFIED REGENERATIVE COMBUSTION CHAMBER AND METHOD FOR MODIFYING A COMBUSTION CHAMBER IN AN INTERNAL COMBUSTION ENGINE AND RESULTING ENGINE**
[54] **CHAMBRE DE COMBUSTION PAR REGENERATION ET A STRATIFICATION DU FLUIDE CALOPORTEUR ET PROCEDE PERMETTANT DE MODIFIER UNE CHAMBRE DE COMBUSTION DANS UN MOTEUR A COMBUSTION INTERNE ET MOTEUR EN RESULTANT**
[72] POURING, ANDREW A., US
[72] HAYES, MATTHEW B., US
[72] BOPP, BRAD R., US
[72] WEBER, MANFRED C., US
[72] KELLER, MICHAEL I., US
[71] SONEX RESEARCH, INC., US
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[54] **ENSEMBLE COMPARTIMENT A BAGAGES A PIVOT**
[72] SAVIAN, SCOTT, US
[72] KEARSEY, STEPHEN, GB
[72] WILLIAMS, COREY, US
[71] C&D ZODIAC, INC., US
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[54] **PROCEDES ET SYSTEMES DE COMMUNICATION POUR LA MESURE DE SYSTEME DE PUISSANCE DISTRIBUE**
[72] DIONNE, DONALD JEFFREY, CA
[72] MCCANN, JENNIFER MARIE, CA
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN RESEAU ELECTRIQUE**
[72] ORDANIS, MICHAEL, CA
[71] CIRCUITMETER INC., CA
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[54] **SYSTEME D'INSPECTION DE SECURITE PORTABLE**
[72] MORTON, EDWARD JAMES, GB
[71] RAPISCAN SYSTEMS, INC., US
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[54] **PROCEDE ET APPAREIL DE CODAGE DE SIGNAL PRODUISANT DES SIGNAUX CODES DE HAUTE FIDELITE A DES TAILLES MINIMALES**
[72] JOSET, DIDIER, FR
[72] COULOMBE, STEPHANE, CA
[72] BESHAI, MAGED E., CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
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[54] **IMIDAZOPYRIDINE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES IMIDAZOPYRIDINE ET LEURS UTILISATIONS**
[72] BUON, CHRISTOPHE, CA
[72] CANTIN, LOUIS-DAVID, CA
[72] HU, YUN-JIN, CA
[72] LUO, XUEHONG, CA
[72] TOMASZEWSKI, MIROSLAW JERZY, CA
[71] NEOMED INSTITUTE, CA
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[54] **CABLE CONNECTION CASING**
[54] **BOITIER DE CONNEXION DE CABLE**
[72] HSING, CHIH-KUANG, CN
[71] CHI, YU-FEN, CN
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[54] **DATA OBJECT PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'OBJET DE DONNEES**
[72] WEI, JIANSHENG, CN
[72] ZHU, JUNHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCEDE ET DISPOSITIF DE MISE EN □UVRE DESTINES A UNE REALITE AUGMENTEE POUR CODE BIDIMENSIONNEL**
[72] LIU, XIAO, CN
[72] LIU, HAILONG, CN
[72] CHEN, BO, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **METHOD AND SYSTEM FOR THE HAND-GUIDED ULTRASOUND CHECK OF A TEST OBJECT**
[54] **PROCEDE ET SYSTEME DE CONTROLE PAR ULTRASONS A COMMANDE MANUELLE POUR DES OBJETS A CONTROLER**
[72] MOOSHOFER, HUBERT, DE
[72] GOLDAMMER, MATTHIAS, DE
[72] WISSMANN, PATRICK, DE
[72] LALONI, CLAUDIO, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
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[54] **PROCEDE POUR LE TRAITEMENT DE CATALYSEURS ZEOLITIQUES**
[72] HAZEL, NICHOLAS JOHN, GB
[72] LINKE, DAVID, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2015-07-20
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[54] **SURVEILLANCE DE CIRCUIT DE SECURITE AU MOYEN D'UNE TENSION ALTERNATIVE**
[72] LUSTENBERGER, IVO, CH
[71] INVENTIO AG, CH
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[54] **ANTIVIRAL COMPOUNDS**
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[72] KATO, DARRYL, US
[72] KIRSCHBERG, THORSTEN A., US
[72] LIU, HONGTAO, US
[72] LINK, JOHN O., US
[72] MITCHELL, MICHAEL L., US
[72] PARRISH, JAY P., US
[72] SQUIRES, NEIL, US
[72] SUN, JIANYU, US
[72] TAYLOR, JAMES, US
[72] BACON, ELIZABETH M., US
[72] CANALES, EDA, US
[72] CHO, AESOP, US
[72] KIM, CHOUNG U., US
[72] COTTELL, JEROMY J., US
[72] DESAI, MANOJ C., US
[72] HALCOMB, RANDALL L., US
[72] KRYGOWSKI, EVAN S., US
[72] LAZERWITH, SCOTT E., US
[72] LIU, QI, US
[72] MACKMAN, RICHARD, US
[72] PYUN, HYUNG-JUNG, US
[72] SAUGIER, JOSEPH H., US
[72] TRENKLE, JAMES D., US
[72] TSE, WINSTON C., US
[72] VIVIAN, RANDALL W., US
[72] SCHROEDER, SCOTT D., US
[72] WATKINS, WILLIAM J., US
[72] XU, LIANHONG, US
[72] YANG, ZHENG-YU, US
[72] KELLAR, TERRY, US
[72] SHENG, XIAONING, US
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] CHOU, CHIEN-HUNG, US
[72] GRAUPE, MICHAEL, US
[72] JIN, HAOLUN, US
[72] MCFADDEN, RYAN, US
[72] MISH, MICHAEL R., US
[72] METOBO, SAMUEL E., US
[72] PHILLIPS, BARTON W., US
[72] VENKATARAMANI, CHANDARSEKAR, US
[71] GILEAD PHARMASSET LLC, US
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[54] **METHODE DE DIAGNOSTIC DU CANCER**
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[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
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[54] **METHOD OF ASSEMBLING A RING BINDER COVER**
[54] **METHODE D'ASSEMBLAGE D'UNE COUVERTURE DE RELIURE A ANNEAUX**
[72] LOCKHART, GREGORY L., US
[72] ISRAEL, ERIC S., US
[72] PYRYT, JOHN C., US
[72] LOPEZ, MICHAEL A., US
[72] FITZGERALD, LISA L., US
[72] BEJSOVEC, JULIUS C., US
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[71] PACIFIC EDGE BIOTECHNOLOGY, LTD., NZ
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[54] **METHOD AND APPARATUS FOR SEPARATING A DRIVER AND A PICK-OFF OF A VIBRATING SENSOR ASSEMBLY**
[54] **METHODE ET APPAREIL DE SEPARATION D'UN PILOTE ET D'UN DETECTEUR D'ECART DANS UN DISPOSITIF DE DETECTION DE VIBRATION**
[72] LANHAM, GREGORY TREAT, US
[72] WERBACH, CHRISTOPHER A., US
[71] MICRO MOTION, INC., US
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[54] **LUTTE CONTRE LA CONTAMINATION POUR UNE MANIPULATION DE LIQUIDE**
[72] CLARK, CRAIG B., US
[72] GILKER, JOHN M., US
[72] HAGEN, NORBERT D., US
[72] HORN, TOM R., US
[72] KNIGHT, BYRON J., US
[72] OPALSKY, DAVID, US
[72] RHUBOTTOM, JASON F., US
[72] LUKHAUB, WALDEMAR, US
[72] HORGER, OLAF, DE
[71] GEN-PROBE INCORPORATED, US
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[54] **VIDEO ENCODING METHOD AND APPARATUS, AND VIDEO DECODING APPARATUS**
[54] **METHODE ET APPAREIL DE CODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO**
[72] YAMORI, AKIHIRO, JP
[72] SAKAI, KIYOSHI, JP
[71] FUJITSU LIMITED, JP
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[54] **METHODE ET APPAREIL DE CODAGE VIDEO, ET APPAREIL DE DECODAGE VIDEO**
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[54] **TEMPERATURE ADJUSTED ANALYTE DETERMINATION FOR BIOSENSOR SYSTEMS**
[54] **DETERMINATION D'ANALYTE AJUSTEE A UNE TEMPERATURE POUR DES SYSTEMES BIOCAPTEURS**
[72] WU, HUAN-PING, US
[72] NELSON, CHRISTINE D., US
[71] BAYER HEALTHCARE LLC, US
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[54] **MATS FIBREUX NON TISSES ABSORBANTS ET LEUR PROCEDE DE PREPARATION**
[72] SMITH, DANIEL J., US
[72] RING, HORST, DE
[71] THE UNIVERSITY OF AKRON, US
[71] SNS NANO FIBER TECHNOLOGY, LLC, US
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[54] **PROCEDE DE PRODUCTION ET D'UTILISATION D'UN COPOLYMERE DE CARBOXYMETHYLCELLULOSE DE SODIUM ET DE GOSSYPOL**
[72] ERSHOV, FELIX IVANOVICH, RU
[72] NESTERENKO, VLADIMIR GEORGIEVICH, RU
[72] SARYMSAKOV, ABDUSHUKUR ABDUKHALILOVICH, RU
[72] ALEKSEEVA, NATALYA URYEVNA, RU
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[54] **GAINAGE PROTECTEUR PRE-APPLIQUE A UNE ISOLATION A RAINURES**
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[54] **PANNEAU D'AVERTISSEMENT DETECTABLE DECORATIF AYANT UNE PRISE AMELIOREE**
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[54] **APTAMER THERAPEUTICS USEFUL IN THE TREATMENT OF COMPLEMENT-RELATED DISORDERS**
[54] **AGENTS THERAPEUTIQUES A BASE D'APTAMERES UTILES DANS LE TRAITEMENT DE TROUBLES LIES AU COMPLEMENT**
[72] BENEDICT, CLAUDE, US
[72] EPSTEIN, DAVID, US
[72] WILSON, CHARLES, US
[72] GRATE, DILARA, US
[72] KURZ, JEFFREY, US
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[72] STEARNS, RALPH, US
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[54] **A METHOD FOR THE SIMULTANEOUS DETERMINATION OF BLOOD GROUP AND PLATELET ANTIGEN GENOTYPES**
[54] **PROCEDE DE DETERMINATION SIMULTANE D'UN GROUPE SANGUIN ET DE GENOTYPES D'ANTIGENE PLAQUETTE SANGUINE**
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[71] CANADIAN BLOOD SERVICES, CA
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[54] **METHODS FOR HEPATOCELLULAR CARCINOMA CLASSIFICATION AND PROGNOSIS**
[54] **METHODES DE CLASSIFICATION ET DE PREVISION DE L'EVOLUTION D'UN CARCINOME HEPATOCELLULAIRE**
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[72] DE REYNIES, AURELIEN, FR
[72] BOYAULT, SANDRINE, FR
[72] RICKMAN, DAVID, FR
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[54] **GESTION DE L'ENERGIE FONDEE SUR L'EMPLACEMENT**
[72] DREW, DAVID SCOTT, US
[71] EMERSON ELECTRIC CO., US
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[54] **IMPROVED STUDENT DESK WITH BOOK BOX**
[54] **BUREAU D'ETUDIANT AMELIORE AVEC CAISSE A LIVRES**
[72] WESTBROOK, MACK DANIEL, US
[72] LAFLEUR, MATTHEW MURPHY, US
[72] COX, LEWIS DORSEY, US
[72] STOUT, JEFFREY, US
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[54] **VACCINS A BASE DE LEVURE POUR IMMUNOTHERAPIE**
[72] FRANZUSOFF, ALEX, US
[72] BELLGRAU, DONALD, US
[71] GLOBEIMMUNE, INC., US
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[54] **POLYPEPTIDE INHIBITORS OF HSP27 KINASE AND USES THEREFOR**
[54] **INHIBITEURS POLYPEPTIDIQUES DE LA HSP27 KINASE ET LEURS UTILISATIONS**
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[72] SEAL, BRANDON, US
[72] WARD, BRIAN, US
[71] PURDUE RESEARCH FOUNDATION, US
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[54] **SYNERGISTIC MIXTURES OF ANTHRANILAMIDE INVERTEBRATE PEST CONTROL AGENTS**
[54] **MELANGES SYNERGIQUES D'AGENTS DE LUTTE CONTRE LES INVERTEBRES A BASE D'ANTHRANILAMIDE**
[72] ANNAN, ISAAC BILLY, US
[72] FLEXNER, JOHN LINDSEY, US
[72] PORTILLO, HECTOR EDUARDO, US
[72] LAHM, GEORGE PHILIP, US
[72] SELBY, THOMAS PAUL, US
[72] STEVENSON, THOMAS MARTIN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **GUSSET PLATE CONNECTION OF BEAM TO COLUMN**
[54] **CONNEXION DE PLAQUES GOUSSET D'UNE POUTRE A UNE COLONNE**
[72] TRAN, ANDY THAO, US
[72] HOUGHTON, DAVID L., US
[72] ADAMS, JARED J., US
[72] KARNS, JESSE, US
[71] MITEK HOLDINGS, INC., US
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[54] **NOVEL USE OF IL-1BETA COMPOUNDS**
[54] **NOUVELLE UTILISATION DE COMPOSES IL-1BETA**
[72] LOWE, PHIL, CH
[72] GRAM, HERMANN, CH
[72] JUNG, THOMAS, CH
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MARI, CLAUDIO, MARIA 2,670,983
MARILYN J. ENTERPRISES INC. 2,455,423
MARINA BIOTECH, INC. 2,622,584
MARKEVICH, KORY ROBERT 2,551,591
MARKOVIC, ZORAN 2,607,191
MARKOVITS ROJAS, ALEJANDRO 2,827,108
MARKOVITZ, CRAIG S. 2,797,072
MARTIN, JAMES EDWARD 2,614,038
MARTIN, JOEL H. 2,652,976
MASHALKAR, MANOJ 2,714,112
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,595,324
MASTERS, DAVID B. 2,548,822
MASTERS, STEVEN J. 2,766,031
MATERI, WAYNE PAUL 2,741,811
MATHEWS, CHRISTOPHER JOHN 2,687,202
MATLACK, MICHAEL P. 2,669,620
MATTAR, WADE M. 2,647,242
MAY, DARRELL REGINALD 2,676,203
MAYER, MICHAEL 2,472,691
MAZZUCCO, CHRISTIAN 2,785,227
MCCALL, MICHAEL J. 2,785,286
MCCANDLESS, BENJAMIN 2,797,072
MCCARTHY, MARY 2,679,112
MCCORT, GARY 2,690,337
MCHUGH, MICHAEL 2,840,653
MCKEDY, GEORGE E. 2,794,970
MCKENNA, SIMON 2,735,065
MCKINNEY, TIM 2,760,441
MCKNIGHT, REBECCA 2,795,826
MCLEAN, ANDREW FENWICK 2,691,653
MCMILLAN, NANCY ANNE 2,725,665
MEDEIROS, FRANCO SILVA 2,779,451
MEDTEC, INC. 2,728,266
MEDTRONIC MINIMED, INC. 2,832,936
MEDTRONIC, INC. 2,676,541
MEHMEDAGIC, ALEN 2,782,256
MEIS, CHARLES STEVEN 2,798,980
MENG, QINGGUO 2,860,747
MENON, RAJEEV M. 2,811,250
MENSING, SVEN 2,811,250
MESSIER-DOWTY LIMITED 2,780,993
METSO PAPER, INC. 2,799,114
MEYLAN, ARNAUD 2,725,979
MEYN, RAYMOND E. 2,518,150
MHASHILKAR, ABNER 2,518,150
MICHAELI, DOV 2,507,637
MICHAELS, ALAN J. 2,633,858
MICHAUD, GWENOLA CLAIRE MARIE 2,614,038
MICHELS, MARK 2,611,525
MICLAU - S.R.L. INC. 2,829,601
MICROLINE SURGICAL, INC. 2,727,993
MIDDLETON, ANDREW 2,784,249
MIGUEZ, CARLOS B. 2,364,043
MIHALOS, MIHAELOS N. 2,652,204
MIKI, NOBUHIKO 2,674,649
MILLER, JAMES G. 2,528,107
MILLER, JAMES L. 2,615,354
MILLS, E. STEVEN 2,583,349
MILOSAVLJEVIC, NENAD 2,799,114
MILWAUKEE ELECTRIC TOOL CORPORATION 2,784,047
MINNICH, KEITH R 2,678,871
MIRBACH, ALI 2,609,637
MISSALLA, MICHAEL 2,692,571
MITCHELL, THOMAS 2,763,669
MITEL NETWORKS CORPORATION 2,779,991
MITHEN, RICHARD 2,327,703
MITROVIC, MILAN 2,812,447
MITSUBISHI ELECTRIC CORPORATION 2,806,317
MITTS, THOMAS 2,603,102
MIYANO, TOMOYUKI 2,707,006
MLADOSICH, JOSEPH, M. 2,595,735
MLYN, MARC 2,728,266
MLYNARZ ZYLBERBERG, GERALDINE 2,801,844
MLYNARZ ZYLBERBERG, GERALDINE 2,801,896
MOBERG, SHELDON B. 2,832,936
MODILIS HOLDINGS LLC 2,795,265
MOMENTIVE PERFORMANCE MATERIALS INC. 2,636,107
MONROE, KEVIN 2,662,813
MONSANTO TECHNOLOGY LLC 2,653,987
MONSANTO TECHNOLOGY LLC 2,864,360
MOODY, JIM 2,797,072
MOOG INC. 2,677,027
MOORE, MICAH N. 2,654,222

MORAN, ANTHONY JOHN 2,621,958
MORGAN, FREDERICK M. 2,640,567
MORGAN, JEROME R. 2,576,347
MORGAN, MIA 2,635,567
MORGENSTERN, JARED S. 2,676,525
MORINI, MARIO 2,690,739
MORPHO 2,644,496
MORPHO CARDS GMBH 2,780,717
MORRELL, COLIN 2,841,467
MORRILL, ROBERT J. 2,656,409
MORRIS, RUSSELL L. 2,754,215
MORRIS, STUART DAVID 2,551,591
MORRISON, SCOTT 2,483,233
MORRISS, DAVID 2,637,907
MORTKO, ROBERT A. 2,805,272
MOSER, DANIEL 2,636,383
MOTOROLA MOBILITY, INC. 2,689,164
MOTOROLA SOLUTIONS, INC. 2,729,028
MUCCI, DAVID 2,763,669
MUELLER, MANFRED 2,702,725
MUGRACE, BENJAMIN 2,688,850
MUHONEN, KALLE 2,799,114
MULTI-HOLDING AG 2,702,725
MULTISORB TECHNOLOGIES, INC. 2,794,970
MUMM, JOHN B. 2,518,150
MURAKAMI, SHINJI 2,750,903
MURPHY, DANIEL P. 2,571,262
MURRELL, J. COLIN 2,364,043
MURTHY, RAVI 2,651,637
MUTHER, CHRISTOPH 2,819,309
MUYZERT, EVERHARD JOHAN 2,614,038
MYERS, ANDREW G. 2,767,912
NABROTZKY, EDMUND SIEGFRIED 2,771,641
NADLER, JERRY L. 2,679,301
NAGAI, NORIHIKO 2,802,666
NAGAR, RON 2,681,397
NAGY, ERVIN D. 2,717,664
NAGY, LASZLO 2,627,291
NAKAGAWA, KINYA 2,749,409
NAKAMURA, TAKESHI 2,648,252
NAKATA, HIROSHI 2,749,409
NAM, SUNG-CHAN 2,785,862
NANDA, SANJIV 2,614,470
NANDAKUMAR, KUTTY SELVA 2,611,646
NARESSI, ALEXANDRE 2,597,872
NASH, JORGE A. 2,786,135
NATIONAL RESEARCH COUNCIL OF CANADA 2,364,043
NATURALIS S.A. 2,827,108
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,670,092
NEKHAYEV, DMITRY 2,685,458
NEKULA, LAMBERT 2,819,772
NELSON, DANIEL 2,654,816
NESAKUMAR, EDWARD J. 2,636,107
NEU, DOROTHY 2,678,871
NEUMANN, BRETT 2,704,147
NEUSY, PHILIPPE 2,472,691
NEWCASTLE INNOVATION LIMITED 2,665,512
NEWMAN, FREDERIC M. 2,583,059
NEWTON, ALBERT 2,641,107
NEWTON, NICOLAS 2,781,133
NEXEN GROUP, INC. 2,471,176
NG, YIN MING SAMSON 2,820,040
NGAN, DANNY YUK KWAN 2,671,497
NGUYEN, THANG T. 2,677,839
NGUYEN, THIEN 2,633,458
NHK SPRING CO., LTD. 2,804,496
NICHIHA CORPORATION 2,616,467
NIELSEN, POUL ERIK HOJLUND 2,698,407
NIELSEN, STEVEN 2,759,932
NIKE, LEO 2,835,464
NIKITCZUK, JASON J. 2,715,420
NIKOU, CONSTANTINOS 2,797,072
NISHIMURA, AKITO 2,714,696
NISHIO, MAMORU 2,774,290
NKT CABLES GROUP A/S 2,648,573
NOEL, THOMAS OLIVIER MARIE 2,577,514
NOI LAB INC. 2,825,305
NOISHIKI, YASUHARU 2,825,305
NOLES, JOE R., JR. 2,635,151
NORDCO INC. 2,806,375
NOV CONDOR, LLC 2,754,625
NOVARTIS AG 2,671,740
NTT DOCOMO, INC. 2,673,385
NTT DOCOMO, INC. 2,674,649
NTT ELECTRONICS CORPORATION 2,802,666
NUCELIS INC. 2,656,557
NUTLEY, BRIAN 2,677,157
NUTLEY, KIM 2,677,157
O'BRIEN, DAVID JOHN 2,691,653
O'CONNOR, AIDAN 2,679,112
O'DONOGHUE, DENIS A. 2,625,197
OBERG, FREDRIK 2,591,348
OCHI, YASUSHI 2,597,400
OELSCHNER, MAXI 2,620,220
OHMER, HERVE 2,823,495
OHMURA, SHUJI 2,804,496
OKA, MASAHIKO 2,750,903
OKANISHI, KEN 2,750,903
OKAUCHI, HIRONORI 2,774,290
OLDCASTLE BUILDING PRODUCTS CANADA, INC. / LES MATERIAUX DE CONSTRUCTION OLDCASTLE CANADA, INC. 2,638,674
OLSON, ERIC 2,674,867
OMYA INTERNATIONAL AG 2,734,817
OMYA INTERNATIONAL AG 2,782,431
ONDINE INTERNATIONAL LTD. 2,573,757
ONGLEY, CHRISTOPHER D. 2,607,191
ONYX THERAPEUTICS, INC. 2,629,084
OPHARDT, HEINER 2,609,637
ORACLE INTERNATIONAL CORPORATION 2,651,637
ORDING, BAS 2,845,297
ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC. 2,744,138
ORTIZ, MARK S. 2,569,433
OUTOTEC OYJ 2,692,571
OUTOTEC OYJ 2,777,886
OWEN OIL TOOLS LP 2,599,811
PAGANI, GIORGIO 2,670,983
PALANKI, RAVI 2,626,807
PALANKI, RAVI 2,713,798
PALAZZOTTO, JOHN D. 2,604,308
PANAS, MARIE 2,635,567
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,855,856
PANIAGUA, DAVID 2,800,232
PANZNER, STEFFEN 2,622,584
PAPADOPOULOS, NICHOLAS J. 2,652,976
PARADIGM GEOPHYSICAL CORPORATION 2,690,129
PARADIGM GEOPHYSICAL LTD. 2,690,129
PARK, EUI-JUN 2,637,804
PARK, EUI-JUN 2,677,967
PARK, JONG HO 2,810,849
PARK, JUN SEOK 2,781,514
PARK, SANG-DO 2,785,862
PARK, SUNG MEE 2,673,501
PARK, SUNG-WOO 2,677,967
PARSCHE, FRANCIS E. 2,811,522
PARSCHE, FRANCIS EUGENE 2,753,206
PARSCHE, FRANCIS EUGENE 2,753,600
PARSCHE, FRANCIS EUGENE 2,805,276
PARSCHE, FRANCIS EUGENE 2,810,517
PARSCHE, FRANCIS EUGENE 2,811,266
PARTRIDGE, NEIL 2,665,914
PASZTOR, EGON 2,600,685
PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH 2,529,264
PATRIARCA, GIORGIO 2,670,983
PATTON, WAYNE F. 2,565,844
PAYNE, DAVID S. 2,794,970
PEARSON, THOMAS E. 2,813,706
PEER, RICHARD DAVID 2,632,386
PEM MANAGEMENT, INC. 2,778,104
PEPSICO 2,779,651
PERICOR THERAPEUTICS, INC. 2,602,291
PERKINELMER LAS, INC. 2,565,844
PERKINS, DREW D. 2,571,262
PERMUY, ALFRED 2,599,629
PESACH, BENNY 2,681,397
PETERSON, ARNOLD N. 2,683,420
PETERSON, DIANE L. 2,498,324
PETROVIC, DRAGAN 2,855,856
PETTMAN, ROGER 2,700,818
PHELAN, JOHN CHRISTOPHER 2,671,740
PHELPS, GREGGORY C. 2,641,107

PHILIPP, DIETER 2,820,110
PHILIPPOT, VINCENT 2,622,116
PHILIPS SOLID-STATE LIGHTING SOLUTIONS, INC. 2,640,567
PHILLIPS, JAMES MILTON 2,792,980
PHONAK AG 2,685,458
PICO LIFT 2,637,907
PIER, MICHAEL T. 2,806,375
PIERCE, ANDREW ELIOT 2,701,964
PIHAJOKI, JARI-PEKKA 2,799,114
PIPOL, JUSTIN J. 2,806,375
PISCOPO, PETER 2,715,420
PLACE, BRENT K. 2,674,417
PLANT BIOSCIENCE LIMITED 2,327,703
PLANT, TOMMY G. 2,833,769
POBURSKY, KEVIN J. 2,652,976
POCHMAN, LUBOS 2,633,458
PODSADECKI, THOMAS J. 2,811,250
POFFENROTH, JOSHUA JAMES 2,717,112
POHER, CLAUDE 2,640,037
POITZSCH, MARTIN 2,676,965
POLIMETLA, SIVAPRASAD 2,636,346
POLLNER, REINHOLD B. 2,582,661
POLOCOSER, MITICA 2,828,045
POMMIER, NICOLAS 2,625,314
POSSET, UWE 2,670,983
POULOSE, AYROOKARAN J. 2,472,725
POWERS, THOMAS H. 2,794,970
POZZI, ALEXANDER NICHOLAS 2,849,541
PRAMMER, MANFRED G. 2,449,789
PRATT & WHITNEY CANADA CORP. 2,607,191
PRATT & WHITNEY CANADA CORP. 2,611,629
PRATT & WHITNEY CANADA CORP. 2,638,840
PRATT, BARRY 2,742,029
PRC-DESOTO INTERNATIONAL, INC. 2,803,853
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,767,912
PRUIJN, GERARDUS JOZEF MARIA 2,708,463
PRYSMIAN AUSTRALIA PTY LTD 2,701,964
PYRCH, RANDALL S. 2,820,242
QU, BINGYU 2,765,513
QU, SHOUXING 2,798,755
QU, SHOUXING SIMON 2,771,442
QUALCOMM INCORPORATED 2,516,296
QUALCOMM INCORPORATED 2,601,637
QUALCOMM INCORPORATED 2,614,470
QUALCOMM INCORPORATED 2,626,807
QUALCOMM INCORPORATED 2,635,299
QUALCOMM INCORPORATED 2,713,798
QUALCOMM INCORPORATED 2,725,979
QUILL, JASON LLOREN 2,676,541
QUINN, LEONARD A. 2,604,447
RADICAL WATERS INTERNATIONAL LIMITED 2,714,234
RAFIQUE, ASHIQUE 2,652,976
RAGOZA, EVGENY 2,690,129
RAHN, PHILLIP 2,864,360
RAILWAY EQUIPMENT COMPANY, INC. 2,641,107
RAINES, GARRY F. 2,785,267
RAINEY, DONALD FRANK 2,675,681
RAISE PRODUCTION, INC. 2,823,495
RAJAIAH, JAYANTH 2,779,451
RAKIJAS, MICHAEL 2,721,679
RAKSI, FERENC 2,627,291
RAMAKRISHNAN, INDUMATHI 2,636,107
RAMASWAMY, ARUN 2,654,816
RAMESH, RAJAGOPAL 2,518,150
RAMESH, RAJARAM 2,633,786
RAMSEIER, MARCEL 2,704,872
RAO, CHANDRA B. 2,803,853
RATHMAN, JOHN 2,608,300
RAUCHHAUS, UNA 2,622,584
RAVVE, IGOR 2,690,129
RAYAVARAPU, VENKATA RATNAKAR RAO 2,760,907
RAYAVARAPU, VENKATA RATNAKAR RAO 2,761,066
RAYMOND, DALE W. 2,677,839
RAYTHEON COMPANY 2,598,485
RAYTHEON COMPANY 2,721,679
REAPPLIX APS 2,811,777
RECKITT & COLMAN (OVERSEAS) LIMITED 2,678,094
RECKMANN, UDO 2,833,704
REDDY, BAIREDDY RAGHAVA 2,765,123
REDMOND, JERALD 2,676,541
REESE, MICHAEL 2,647,242
REGENERON PHARMACEUTICALS, INC. 2,652,976
REGIE AUTONOME DES TRANSPORTS PARISIENS 2,667,660
REGIER, BERNARD D. 2,847,627
REITERER, HARALD 2,801,943
REMINGTON, RICH 2,635,567
RENNER, PATRICK 2,801,794
REPLICOR INC. 2,806,616
RETUTA, SALVE 2,525,587
REVOLYMER (U.K.) LIMITED 2,700,818
RHODIA OPERATIONS 2,821,385
RIALS, JOSEPH ROSS 2,753,573
RIBBLE, BRUCE 2,728,266
RICHARDSON, ALAN S. 2,820,242
RIDER, TERRY L. 2,775,385
RIEDER, ALFRED 2,783,328
RIGAL, ISABELLE 2,678,094
RING, LEV 2,811,268
RINKO, KARI J. 2,795,265
RIPPERGER, GARY LEE 2,683,632
RISLEY ENTERPRISES LTD. 2,569,412
RISSOM, SEBASTIAN 2,623,547
RIVAL SOCIETE EN COMMANDITE 2,863,415
RL SOLUTIONS 2,735,065
ROBERTS, KIM B. 2,472,691
ROBIDOU, HERVELINE 2,747,353
ROBINSON, RICHARD SCOTT 2,706,513
ROBY, PHILIPPE 2,565,844
ROCHE DIAGNOSTICS GMBH 2,504,911
ROCKWOOL INTERNATIONAL A/S 2,673,347
RODRIGUEZ, RICHARD 2,671,497
ROGERS COMMUNICATIONS INC. 2,638,691
ROGERS COMMUNICATIONS INC. 2,742,029
ROLF, LEE KARL 2,838,896
ROLLAT, ALAIN 2,821,385
ROMITO, MATT 2,735,810
RONDON, ISAAC J. 2,554,965
ROPER, RICHARD R. 2,828,749
ROSE, LINDA 2,635,567
ROSTRUP-NIELSEN, THOMAS 2,698,407
ROUBAL, EDWARD 2,666,636
ROUSSY, RAYMOND J. 2,827,026
ROYALTY, REED NATHAN 2,833,704
RUFFO, RICARDO 2,670,983
RUNSTEDLER, CHRISTOPHER JAMES 2,725,665
RUNYAN, MAX 2,632,679
RUSH, FRANCES 2,721,701
RV LIGHTING 2,779,215
RYAN, DACEY J. 2,691,552
RYAN, TIMOTHY R. 2,676,541
RYAN, WALTER N. 2,626,867
RYBCZYNSKI, PHILIP J. 2,688,850
SAARIKIVI, PEKKA 2,799,114
SABO, DALE 2,592,713
SACHS, VICTOR 2,691,653
SAEED, SAAD 2,801,695
SAINI, RAJESH K. 2,765,123
SAINT-GOBAIN GLASS FRANCE 2,637,247
SAKAMOTO, ICHIRO 2,742,230
SAKASHITA, SHIGETO 2,679,297
SALAGNAD, CHRISTOPHE 2,623,547
SALFORD GROUP INC. 2,688,846
SAMSUNG ELECTRONICS CO., LTD. 2,629,998
SAMSUNG ELECTRONICS CO., LTD. 2,637,804
SAMSUNG ELECTRONICS CO., LTD. 2,677,967
SANDINO, ANA MARIA 2,801,844
SANDINO, ANA MARIA 2,801,896
SANKA, RAVI 2,783,276
SANOFI-AVENTIS 2,690,337
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,623,547
SANWALD, ERICH 2,833,704
SAUERWEIN, CHRISTOPHER T. 2,847,627
SAULNIER-SHOLLER, GISELLE 2,676,527
SAWAHASHI, MAMORU 2,673,385
SAWAHASHI, MAMORU 2,674,649
SAXELL, HEIDI EMILIA 2,667,112
SCARINCI, THOMAS 2,621,958
SCHAEFFER, HANS 2,612,867

SCHALL, GUNTHER	2,637,247
SCHARNER, ENGELBERT	2,819,772
SCHEDL, ADOLF	2,819,772
SCHICKANEDER, CHRISTIAN	2,640,127
SCHLUMBERGER CANADA LIMITED	2,599,629
SCHLUMBERGER CANADA LIMITED	2,614,038
SCHLUMBERGER CANADA LIMITED	2,676,965
SCHMIDT, JAMES R.	2,847,627
SCHMITT, LARS	2,820,110
SCHMITT, NATHALIE	2,433,250
SCHMITZ, NICOLE	2,599,218
SCHNEIDER ELECTRIC INDUSTRIES SAS	2,782,256
SCHNEIDER ELECTRIC IT CORPORATION	2,641,824
SCHNEIDER ELECTRIC USA, INC.	2,784,941
SCHNEIDER, GUENTER	2,692,571
SCHNELL, CHRISTIAN RENE	2,625,314
SCHNELLE, SCOTT T.	2,806,389
SCHOTTNER, GERHARD	2,670,983
SCHRAMM, VERN L.	2,537,669
SCHUETZ, MICHAEL	2,620,220
SCHUETZE, CHRISTIAN	2,783,328
SCHUMACHER ELECTRIC CORPORATION	2,591,103
SCHUMACHER, JAMES F.	2,699,890
SCHWARTZ, ERIC	2,647,051
SCHWARZENTRUBER, PATRICK	2,782,431
SCHWINLER, NEIL S.	2,786,135
SCHYNDEL, ANDRE JOHN VAN	2,776,912
SCUTT, JAMES NICHOLAS	2,687,202
SEDLAR, ERIC	2,651,637
SEEGER, JOEL	2,831,241
SEIBOLD, JON D.	2,674,867
SEIDEL, EIKO	2,855,856
SEJOURNE, JEROME	2,774,685
SELIG SEALING PRODUCTS, INC.	2,691,653
SEMYANKO, IVAN	2,756,515
SENVION SE	2,770,540
SENVION SE	2,809,288
SETTER, WILLIAM JAMES	2,750,606
SHAN DONG LUYE PHARMACEUTICAL CO., LTD.	2,860,747
SHANGGUAN, DONGKAI	2,654,422
SHAROYAN, DAVIT E.	2,806,389
SHAW, ALAN	2,622,517
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,671,497
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,683,632
SHELTON, FREDERICK E., IV	2,576,347
SHENK, KEVIN D.	2,629,084
SHETH, KAMLESH A.	2,688,850
SHI, FENGXIANG	2,823,137
SHI, LILI	2,764,530
SHIBANUMA, TAKASHI	2,778,909
SHIMAOKA, MOTOMU	2,554,965
SHIROKAZE, JUNICHI	2,825,305
SHMUNK, DMITRY V.	2,608,030
SHOSEYOV, ODED	2,582,051
SHUTACK, KEVIN P.	2,715,420
SICHUAN SUNFOR LIGHT CO., LTD.	2,773,846
SIEBENS, LARRY N.	2,776,706
SIEGEL, DIONICIO R.	2,767,912
SIEMENS AKTIENGESELLSCHAFT	2,725,006
SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH	2,579,458
SIMOES, FELIPE OLIVEIRA	2,751,923
SIMOES, FELIPE OLIVEIRA	2,752,058
SIMON, ERIC A.	2,706,513
SIMONNEAUX, YANN	2,780,993
SIMPSON STRONG-TIE COMPANY, INC.	2,732,480
SIMPSON, THOMAS J.	2,655,918
SINGH, RAKESH KUMAR	2,676,527
SINGH, SANDIP	2,742,029
SIROTA, DIMITRI	2,483,233
SJUNGARGARD, PETTER	2,740,962
SK INNOVATION CO., LTD.	2,810,849
SKADHAUGE, BIRGITTE	2,433,250
SKAHILL, LARRY	2,635,567
SKY LINE CRANES & TECHNOLOGIES LTD	2,665,256
SLADE, LOUISE	2,652,204
SLOAN VALVE COMPANY	2,793,607
SLY, PETER	2,610,845
SMED, MOGENS	2,777,577
SMITH INTERNATIONAL, INC.	2,632,386
SMITH INTERNATIONAL, INC.	2,818,105
SMITH, DANIEL W.	2,839,590
SMITH, ERIC	2,652,976
SMITH, HARLAN B.	2,798,743
SMITH, JOHN	2,784,249
SMITH, KENT A.	2,615,354
SMITH, LAWRENCE J.	2,775,262
SMITH, SHAWN R.	2,798,743
SMITH, STEPHEN P.	2,615,354
SMITH, STEVEN DARYL	2,779,451
SMRF, LLC	2,683,633
SNECMA	2,577,514
SNECMA	2,621,842
SNECMA	2,622,116
SNECMA	2,625,314
SNECMA	2,626,908
SNECMA	2,647,051
SOBCZAK, LUKASZ	2,838,896
SOLENIS TECHNOLOGIES CAYMAN, L.P.	2,806,389
SOLOVYOV, STANISLAV E.	2,794,970
SONG, DONG-IL	2,629,998
SONG, QIFENG	2,823,137
SONKYO ENERGY, S.L.	2,731,679
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BLANDA, WENDY M. 2,898,217
BLASS, BENJAMIN ERIC 2,898,574
BLATT, YOAV 2,898,284
BLEIDT, ROBERT 2,898,567
BLETSIS, RICHARD 2,898,312
BLOCK, OREY G. 2,898,636
BLOMBERG, SCOTT EVERETT 2,898,176
BLUCK, RICHARD 2,898,337
BLUE SOLUTIONS 2,898,258
BOEHRINGER INGELHEIM VETMEDICA GMBH 2,896,298
BOHMBACH, NATE 2,898,022
BOKELMAN, KEVIN 2,898,639
BOKISA, GEORGE 2,897,973
BOLANOS, EDUARDO 2,897,832
BOMATI, ERIN 2,898,459
BOMBARDIER TRANSPORTATION GMBH 2,897,930
BONAQUIST, DANTE P. 2,898,110
BOND, BARRY 2,898,127
BONNEAU, VIRGINIE 2,898,402
BONNEKESSEL, MELANIE 2,898,115
BOOL, LAWRENCE E. 2,898,110
BOONE, THOMAS J. 2,897,797
BOPP, BRAD R. 2,898,646
BORSBOOM, LUCAS 2,898,037
BORSUM, ARNE 2,898,005
BOSWELL, CHARLES ANDREW 2,898,146
BOUEY, NATASHA YVETTE 2,898,027
BOUFOUNOS, PETROS 2,898,595
BOURGEOIS, PHILIP 2,898,526
BOURNE, JOHN MORGAN 2,898,523
BOWLER, SAMUEL 2,898,392
BOWS, JOHN RICHARD 2,898,629
BOYLAN, JOHN 2,897,985
BP CHEMICALS LIMITED 2,898,670
BRADLEY, T. DOUGLAS 2,897,883
BRADY, TODD 2,898,631
BRANDEIS UNIVERSITY 2,898,613
BRANDT, KEN 2,898,336
BRECHT, TERESA 2,898,598
BRECHT, TERESA 2,898,608
BREW, JOHN 2,897,878
BREW, JOHN 2,897,884
BREW, JOHN 2,898,000
BREW, JOHN 2,898,017
BREW, JOHN 2,898,113
BRICKNER, ROBERT L. 2,898,161
BRIDGESTONE CORPORATION 2,898,181
BRINDLEY, ROBERT A. 2,897,852
BRINGSVED, MALIN 2,898,264
BRISTOL-MYERS SQUIBB COMPANY 2,898,440
BROCKUNIER, LINDA L. 2,898,482
BROOKFIELD, FREDERICK ARTHUR 2,898,443
BROOKFIELD, FREDERICK ARTHUR 2,898,445
BROOKS, CHRISTOPHER J. 2,897,836
BROWN, STEPHEN H. 2,897,970
BRUINOOGE, CHANTALE 2,898,034
BRUINOOGE, ROD 2,898,034
BRUNAUX, YANNICK 2,898,082
BSN MEDICAL, INC. 2,898,465
BUCHHOLTZ-STIEGLITZ, ANJA 2,898,247
BUCHOLTZ, MICHAEL 2,897,998
BUCK, JAMES F. 2,898,620
BUETTELMANN, BERND 2,897,924
BUETTELMANN, BERND 2,898,534
BULL, PHILIP SAMUEL 2,898,167
BUON, CHRISTOPHE 2,898,665
BURCHARDT, EGBERT 2,898,156
BURG, BRUCE M. 2,898,485
BURG, BRUCE M. 2,898,636
BURLAGE, BRIAN J. 2,898,221
BURTON, DANIEL 2,898,365
BUTLER, DAVID 2,898,337
BZOSTEK, ANDREW 2,898,485
BZOSTEK, ANDREW 2,898,636
C&D ZODIAC, INC. 2,898,647
C.R. BARD, INC. 2,897,940
C.R. BARD, INC. 2,897,947
C.R. BARD, INC. 2,897,948
CADET, MAMONJY 2,898,384
CAFFITALY SYSTEM S.P.A. 2,898,172
CAFFITALY SYSTEM S.P.A. 2,898,173
CAILLETEAU, JEREMY 2,898,563
CAISSY, DAVE 2,898,520
CALABRESE, ANDREW ANTONY 2,897,985
CALITOR SCIENCES, LLC 2,898,294
CALLAHAN, JOHN W. 2,897,966
CALOMFIRESCU, MIHAIL 2,898,247
CAMPBELL, A. STEWART 2,898,196
CAMPBELL, PHILIP REED 2,898,417
CANE, MICHAEL ROGER 2,898,248
CANTIN, LOUIS-DAVID 2,898,665
CAPARROS-WANDERLEY, WILSON 2,897,878
CAPARROS-WANDERLEY, WILSON 2,897,884
CAPARROS-WANDERLEY, WILSON 2,898,000

CAPARROS-WANDERLEY, WILSON 2,898,017
CARBON3D, INC. 2,898,098
CARBON3D, INC. 2,898,103
CARBON3D, INC. 2,898,106
CARBONARO, NICOLA 2,898,423
CARBYLAN THERAPEUTICS, INC. 2,897,976
CARDIORENTIS LTD. 2,898,571
CARDIOXYL PHARMACEUTICALS, INC. 2,898,443
CARDIOXYL PHARMACEUTICALS, INC. 2,898,445
CARLISLE FLUID TECHNOLOGIES, INC. 2,898,179
CARTER, BLAIR RODERICK 2,898,417
CASCADE CORPORATION 2,898,597
CASE WESTERN RESERVE UNIVERSITY 2,898,437
CATO, ALLEN E. 2,898,619
CAYAGO GMBH 2,898,555
CAYAGO GMBH 2,898,559
CAYAGO GMBH 2,898,561
CECCARELLI, SIMONA M. 2,897,924
CECCARELLI, SIMONA M. 2,898,534
CECE, PHILIPPE 2,898,587
CEDARS-SINAI MEDICAL CENTER 2,898,457
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE 2,898,403
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE 2,898,411
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIC (CNRS) 2,898,151
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,898,370
CENTRIPETAL NETWORKS, INC. 2,897,737
CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER) 2,898,414
CFPH, LLC 2,898,290
CHAKRABORTY, TIRTHA 2,897,941
CHAMBERLAIN, ADAM L. 2,897,965
CHAMBERLIN, GILES RUSSEL 2,897,920
CHANEY, THOMAS JOHN 2,888,553
CHANG, CHIEN-HSING 2,898,472
CHARLEUX, FRANCOIS 2,898,153
CHARTON, FREDERIC 2,897,980
CHAU, MARK 2,898,360
CHAUD, PASCAL 2,898,411
CHEHAYEB, SAM 2,897,832
CHEN, BO 2,898,265
CHEN, BO 2,898,668
CHEN, CHENG-YAO 2,898,459
CHEN, FUNGBOR 2,897,948
CHEN, HELEN 2,898,482
CHEN, ISAN 2,898,025
CHEN, LEI 2,898,049
CHEN, LEI 2,898,051
CHEN, MICHAEL 2,898,477
CHEN, XUANHUA 2,898,259
CHEN, ZHI 2,898,107
CHEP TECHNOLOGY PTY LIMITED 2,898,336
CHERNYAK, ALEXANDER Z. 2,898,447
CHEVRON U.S.A. INC. 2,898,231
CHEVRON U.S.A. INC. 2,898,232
CHI, ELLEN 2,898,496
CHI, FENG 2,898,107
CHI, YU-FEN 2,898,666
CHILDERS, WAYNE E. 2,898,574
CHILDRESS, JAMES J. 2,898,021
CHIN, ELBERT 2,898,107
CHOBANIAN, HARRY R. 2,898,482
CHOI, HWAN GEUN 2,897,942
CHOI, HYO JUNG 2,898,197
CHOI, JONG RIP 2,898,197
CHOPRA, RAJIV 2,898,102
CHOU, MAN TING 2,898,027
CHOUKSEY, SACHIN 2,898,102
CHOW, JAMES R. 2,896,715
CHRISTENSEN, JESPER 2,897,904
CHRISTIE, VANESSA 2,898,476
CHU, HEZHANG 2,891,796
CHYLA, DARIUSZ 2,898,577
CIAVARELLA, NICK E. 2,898,269
CICCARELLI, NICHOLAS J. 2,898,585
CICCARELLI, NICHOLAS J. 2,898,639
CILKE, JOSEPH THOMAS 2,898,636
CIMCON LIGHTING, INC. 2,898,432
CIRCUITMETER INC. 2,898,651
CISCO TECHNOLOGY, INC. 2,897,920
CLEGG, FRANK 2,898,332
CLEMENTE, MATTHEW J. 2,898,585
CLEMENTS, MATTHEW J. 2,898,482
CO-OP FINANCIAL SERVICES 2,898,202
CODA, BENJAMIN 2,898,389
CODEXIS, INC. 2,898,495
CODY, LUKE EMMETT 2,898,558
COHEN, SEAN 2,897,943
COHN, WILLIAM E. 2,898,620
COLES, JEFFREY ALAN 2,898,359
COLLYER, TIM 2,898,042
COMBREDET, CHANTAL 2,898,370
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,897,980
CONN, PEGGY 2,892,989
CONNELL, MICHAEL L. 2,898,212
CONNORS, TIMOTHY 2,898,624
CONSTABLE, GEORGE ALEXANDER 2,897,871
CONTE, AURELIA 2,897,924
CONTE, AURELIA 2,898,534
COOKERLY, ALAN B. 2,898,599
COOPER TECHNOLOGIES COMPANY 2,897,981
COOPER, AARON AC 2,897,945
COOPER, RUSSELL EVAN 2,898,231
COOPER, RUSSELL EVAN 2,898,232
COPELAND, ANDREW D. 2,898,599
CORNELL UNIVERSITY 2,898,180
CORNING LASER TECHNOLOGIES GMBH 2,898,256
CORNING LASER TECHNOLOGIES GMBH 2,898,371
CORPAK MEDSYSTEMS, INC. 2,897,740
CORTENDO AB (PUBL) 2,898,573
CORTENDO AB (PUBL) 2,898,574
COSKATA, INC. 2,897,971
COULOMBE, STEPHANE 2,898,658
COURCHENE, CHARLES E. 2,898,417
COURTNEY, STEPHEN MARTIN 2,898,443
COURTNEY, STEPHEN MARTIN 2,898,445
COVENTYA, INC. 2,897,973
COVIDIEN LP 2,898,069
CRAIN, STEPHEN G. 2,897,966
CRAWFORD, BEVERLEY 2,898,629
CRAWFORD, CALUM 2,898,042
CREBIER, GERARD 2,898,083
CRESPO, ALEJANDRO 2,898,482
CRETIER, ANNETTE 2,898,384
CRICHLOW, RENEE MARIE BRENT 2,898,008
CRIEZIS, AMANDA JANE 2,897,967
CRISWELL, TIM 2,898,187
CROQUETTE, VINCENT 2,898,151
CROTTS, GEORGE 2,898,262
CRUMP, JOHN W. 2,898,497
CSL LIMITED 2,898,618
CSP TECHNOLOGIES, INC. 2,897,998
CUFF, CAROLYN A. 2,897,997
CULLER, GREGORY D. 2,898,251
CUMMINGS, DANIEL LOUIS 2,898,568
CUREPORT, INC. 2,898,047
CUSACK, TOM 2,898,509
CUYPERS, THEO JOSEPH 2,897,913
CVP CLEAN VALUE PLASTICS GMBH 2,898,339
CZODROWSKI, PAUL 2,898,077
D'AMOUR, KEVIN 2,897,984
DAAGE, MICHEL 2,897,970
DAHL, ARNT OLAV 2,898,606
DAHLE, HAKON 2,897,920
DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD. 2,898,272
DALEY, SHAWN BRUCE JOSEPH 2,898,628
DALZIEL, SEAN MARK 2,898,092
DAMBACH, CLAUS 2,898,245
DANA-FARBER CANCER INSTITUTE, INC. 2,897,942
DANIEL, DIANNE C. 2,898,148
DANIELY, MICHAL 2,898,178
DANMARKS TEKNISKE UNIVERSITET 2,898,418
DANSCHUTTER, DE EVERT FLORENTINUS FLORIMONDUS 2,897,906

DAO, TAO 2,898,099
DARKET, LONE 2,898,268
DARLES, LUDOVIC 2,898,389
DARMOHUSODO, VINCENT 2,897,821
DARNOLD, LEANE 2,888,553
DASSONNEVILLE, ALAIN 2,898,411
DATTA, RATHIN 2,897,971
DAUGHERTY, BRUCE 2,898,450
DAVANCENS, ANGELICA 2,898,323
DAVIDSON, GRANT A. 2,898,271
DAVIS, MARK F. 2,898,271
DAWSON, MATTHEW A. 2,897,797
DAY, MARK J. 2,898,626
DE FOUGEROLLES, ANTONIN 2,897,941
DE FROMONT, FRANCOIS XAVIER 2,897,741
DE HAAN, ANDRE BANIER 2,898,516
DE SMEDT, GERT 2,898,395
DEERING, AMANDA JANE 2,898,334
DEGENHARDT, RORY 2,898,488
DEGREMONT 2,898,405
DEINES, JAMES HERBERT 2,897,735
DEJOHN, MARC DOMINIC 2,898,467
DELAUZUN, VINCENT 2,898,081
DELRYMPLE, DEREK A. 2,898,312
DEMIN, ALEXANDRE VIKTOROVICH 2,897,629
DEMONG, DUANE E. 2,898,482
DESIMONE, JOSEPH M. 2,898,098
DESIMONE, JOSEPH M. 2,898,103
DESIMONE, JOSEPH M. 2,898,106
DESJARLAIS, JOHN 2,897,987
DESJARLAIS, JOHN 2,898,100
DEVORET, MICHEL 2,898,598
DEVORET, MICHEL 2,898,608
DIEDRICH, ANDRE 2,897,791
DIETZ, MARTIN 2,898,572
DILLY, SUZANNE JANE 2,898,017
DIMITROVA, PEPA 2,898,588
DING, FANG-YUAN 2,898,151
DING, HUAN 2,898,114
DING, QINGJIE 2,898,107
DING, SHI 2,898,550
DING, XIANTING 2,898,324
DIONNE, DONALD JEFFREY 2,898,640
DIONNE, DONALD JEFFREY 2,898,648
DISCH, SASCHA 2,898,024
DISCH, SASCHA 2,898,029
DIVERSION DETECTION TECHNOLOGIES, LLC 2,897,959
DIXSON, KENNETH GLENN 2,898,498
DIXSON, KENNETH GLENN 2,898,502
DIYAOLU, OLUGBENGA 2,897,967
DODD, STEPHANIE KAY 2,897,949
DOERR, VINCE J. 2,898,636
DOLBY LABORATORIES LICENSING CORPORATION 2,898,271
DOLE FRESH VEGETABLES, INC. 2,898,334
DOMIT, EDWARD 2,898,226
DOMIT, EDWARD 2,898,229
DOMKE, MICHAEL CHRISTOPHER 2,897,741
DOMKE, MICHAEL CHRISTOPHER 2,898,607
DONATI, GABRIELE 2,898,423
DONELLO, JOHN E. 2,898,301
DONGGUANHO LI ELECTRIC APPLIANCE CO. LTD. 2,898,566
DONZE, JOSEPH 2,898,558
DOPFER, ELAINE-PASHUPATI 2,898,032
DOW AGROSCIENCES LLC 2,898,356
DOW AGROSCIENCES LLC 2,898,358
DOW AGROSCIENCES LLC 2,898,488
DOW AGROSCIENCES LLC 2,898,494
DOW GLOBAL TECHNOLOGIES LLC 2,897,946
DOW GLOBAL TECHNOLOGIES LLC 2,897,962
DOWDLE, STEVEN CHAD 2,898,417
DOWNING, DONALD 2,898,261
DOYLE JAMES, N., JR. 2,898,003
DRAGAR, CHARLES 2,898,515
DRNEVICH, RAYMOND F. 2,898,110
DROBNIK, CHRISTOPHER D. 2,897,947
DROBNIK, MICHAEL W. 2,897,947
DS SMITH PACKAGING LIMITED 2,898,395
DSM IP ASSETS B.V. 2,897,906
DSM IP ASSETS B.V. 2,897,913
DSM IP ASSETS B.V. 2,898,266
DU, PEIFANG 2,897,885
DUCHAMP, BORIS 2,898,270
DUCHAMP, BORIS 2,898,273
DUDDA, TORSTEN 2,898,564
DUKE UNIVERSITY 2,898,254
DULL, BOB J. 2,898,334
DULLAERT, KONRAAD ALBERT LOUISE HECTOR 2,898,266
DUNCAN, ROGER GLEN 2,898,188
DURAND, DOMINIQUE 2,898,437
DUREZ CORPORATION 2,898,419
DWYER, MICHAEL 2,898,051
DYAX CORP. 2,898,446
EAGLE, SUSAN 2,897,791
EAGLETON, CHRISTOPHER RAYMOND 2,898,476
EASTERN VIRGINIA MEDICAL SCHOOL 2,898,148
ECHOSTAR TECHNOLOGIES L.L.C. 2,897,961
ECOLE DE TECHNOLOGIE SUPERIEURE 2,898,658
ECOLE NORMALE SUPERIEURE 2,898,151
EDWARDS LIFESCIENCES CORPORATION 2,898,360
EDWARDS, KIRSTEN MAE 2,898,618
EDWARDS, WILSON 2,898,496
EHRESMANN, MANFRED 2,898,115
EINHAUS, MICHAEL 2,898,097
EKLUND, WAYNE G. 2,897,841
ELC MANAGEMENT LLC 2,898,504
ELECTROCORE, LLC 2,898,342
ELI LILLY AND COMPANY 2,898,500
ELISTRATOV, KONSTANTIN GENNADIEVICH 2,897,809
ELISTRATOVA, JULIJA ANATOLIEVNA 2,897,809
ELISTRATOVA, TATIANA VIKTOROVNA 2,897,809
ELLIS, BRIAN MICHAEL 2,898,454
ELSNER, JAN 2,897,985
EMORY UNIVERSITY 2,898,184
ENDRES, KEVIN 2,898,088
ENDRES, STEVEN P. 2,898,622
ENERGYSOLUTIONS, INC. 2,898,627
ENGELSGJERD, ERLEND 2,898,606
ENGLE, JOEL MARK 2,898,417
ENKAKU, SHIGEYUKI 2,895,591
ENT ASSOCIATES OF LOS ALAMOS, LLC 2,898,040
ENVIRONMENTAL TECTONICS CORPORATION 2,898,460
ENZIEN, MIKE 2,897,971
EPSTEIN, JONATAN 2,897,982
ERDMAN, PAUL 2,897,985
EREMINA, NATALYA VYACHESLAVOVNA 2,897,809
ERICKSON, SHAWN DAVID 2,898,107
ERMOSHKIN, ALEXANDER 2,898,098
ERMOSHKIN, ALEXANDER 2,898,103
ERMOSHKIN, ALEXANDER 2,898,106
ERMOSHKIN, NIKITA 2,898,103
ERMOSHKIN, NIKITA 2,898,106
ERRICO, JOSEPH P. 2,898,342
ESCARDO RAFFO, EDUARDO 2,898,088
ESKUCHEN, RAINER 2,898,588
ESSEGHIR, MOHAMED 2,897,946
ESSEGHIR, MOHAMED 2,897,962
ETHICON, INC. 2,898,473
EXHAUSTLESS, INC. 2,898,622
EXXONMOBIL CHEMICAL PATENTS INC. 2,897,957
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,897,970
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,897,797
F. HOFFMANN-LA ROCHE AG 2,897,890
F. HOFFMANN-LA ROCHE AG 2,897,924
F. HOFFMANN-LA ROCHE AG 2,898,015
F. HOFFMANN-LA ROCHE AG 2,898,107
F. HOFFMANN-LA ROCHE AG 2,898,162
F. HOFFMANN-LA ROCHE AG 2,898,349
F. HOFFMANN-LA ROCHE AG 2,898,534
F. HOFFMANN-LA ROCHE AG 2,898,591
FABRICA MACHINALE S.R.L. 2,898,423
FARINE, MARIE 2,898,248
FARKAS, ROBERT J. 2,898,212
FARON PHARMACEUTICALS OY 2,898,111
FATTINGER, CHRISTOF 2,897,890
FEARS, BRETT A. 2,898,212
FEDOROV, ALEKSANDR VIKTOROVICH 2,897,809
FELLERS, MATTHEW 2,898,271
FENDT, MARKUS 2,898,043
FENDT, MARKUS 2,898,045
FENDT, MARKUS 2,898,080

FENG, SUJUAN 2,898,097
FERGUSON, ANDREW M. 2,898,212
FERNANDEZ DE CORDOBA SANZ, FERNANDO 2,897,933
FERNIE, GEOFFREY ROY 2,897,883
FERRANTE, SERGIO 2,898,427
FERRARO, BERNADETTE 2,898,237
FERREIRA, EUGENIO 2,898,001
FERRETTI, LUCA 2,898,423
FEUERBACH, DOMINIK 2,898,043
FEUERBACH, DOMINIK 2,898,045
FEUERBACH, DOMINIK 2,898,080
FEUSSNER, HUBERTUS 2,898,554
FIECHTER, MEINRAD 2,898,391
FINNEMA, SJOERD JOHANNES 2,898,080
FISCHER, BJORN 2,897,901
FISCHER, JORG 2,898,101
FISHBEIN, SKYE 2,898,613
FISHER CONTROLS INTERNATIONAL LLC 2,898,221
FISHER, JEFFREY S. 2,898,453
FISHER, WILLIAM C. 2,897,966
FITTON, JANET HELEN 2,898,515
FLOOD, MARK 2,898,214
FLORY, ANNY L. 2,897,946
FLORY, ANNY L. 2,897,962
FONTENEAU, JEAN-FRANCOIS 2,898,370
FORD, DEAN M. 2,898,312
FORTI, ERIC 2,898,039
FOTOPOULOU, ELENI 2,898,572
FOTSING, JOSEPH R. 2,897,821
FOUNDATION MECICINE, INC. 2,898,326
FOUQUET, STEPHANIE 2,898,153
FOUQUET, STEPHANIE 2,898,155
FOURNIE, GLENN G. 2,888,552
FOURNIE, GLENN G. 2,888,553
FRACCHIA, CARLOS A. 2,898,198
FRANEY, AMANDA MARIE 2,898,176
FRANKOVICH, JOHN K. 2,898,477
FRANTZICH, SOFIA 2,898,264
FRAUNHOFER-GELELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,567
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,024
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,029
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FOERSCHUNG E.V. 2,898,005
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,572
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,575
FREDERICK, JOSHUA P. 2,897,941
FREEDMAN, JONATHAN 2,897,998
FRENZEL, GARY 2,898,477
FREYER, STEPHAN 2,898,253
FRICKMANN, JESPER 2,898,228
FRIDMAN, KRISTA 2,898,483
FRIEDLINE, ROBERT ALAN 2,898,408
FRIESEN, BLAKE 2,898,034
FRIPP, MICHAEL LINLEY 2,898,463
FRITO-LAY TRADING COMPANY GMBH 2,898,629
FROGNER, TORE 2,898,007
FROST, LISA MARIE 2,898,443
FROST, LISA MARIE 2,898,445
FROSTAD, TODD L. 2,897,966
FRUNZIO, LUIGI 2,898,598
FRUNZIO, LUIGI 2,898,608
FUCHS, GUILLAUME 2,898,575
FUGENBIO CO., LTD. 2,897,955
FUJII, TAKAHIRO 2,898,584
FUJIMOTO, TOYOTSUGU 2,862,893
FUJIMURA, AKINORI 2,898,183
FUKUSHI, TAKAAKI 2,898,094
FUSION HVAC PTY LIMITED 2,898,252
G.I. VIEW LTD. 2,898,586
G.S. BLODGETT CORP. 2,897,794
GABRIEL, STEPHEN DEEMS 2,898,107
GAEDT, TORBEN 2,898,016
GALEEVA, RAMZIYA TIMURSHOVNA 2,897,809
GANO, JACOB 2,898,317
GANO, JOHN 2,898,463
GAO, SHOUYONG 2,898,071
GARDINER, VICKI-ANNE 2,898,515
GASPAR, ARMINDO RIBIERO 2,898,228
GASSO ASTORGA, PATRICIA 2,898,414
GAUDEZ, PASCAL 2,898,010
GAYER, MARC 2,898,024
GAYER, MARC 2,898,029
GEA FOOD SOLUTIONS BAKEL B.V. 2,898,580
GEA FOOD SOLUTIONS GERMANY GMBH 2,898,260
GEBR. SCHMID GMBH 2,898,014
GEIST, STEPHEN C. 2,898,360
GENENTECH INC. 2,898,146
GENERAL ELECTRIC COMPANY 2,897,735
GENERAL ELECTRIC COMPANY 2,897,741
GENERAL ELECTRIC COMPANY 2,898,454
GENERAL ELECTRIC COMPANY 2,898,466
GENERAL ELECTRIC COMPANY 2,898,607
GEORGIA-PACIFIC CHEMICALS LLC 2,898,338
GERCKE, ALEXANDER 2,898,339
GERGELY, PETER 2,898,565
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LEGRAND, XAVIER	2,898,273
LEI, ZHIXIN	2,898,051
LEINSING, KARL R.	2,898,620
LELAND, JARROD	2,898,204
LEONHARDT, BERND	2,898,253
LEREN, HANS KRISTIAN	2,895,589
LESKOW, KRISTEN MARIE	2,898,362
LEUNG, WAI-PING	2,898,496
LEVCHENKO, OLEKSANDR IGOROVICH	2,897,883
LEVENSTEIN, LAWRENCE M.	2,897,975
LEVY, JOSEPH	2,898,284
LEVY, RACHEL	2,898,284
LEWIS, SAMUEL J.	2,898,240
LG ELECTRONICS INC.	2,898,429
LI, FAN	2,898,114
LI, PO-YING	2,898,027
LI, RUI	2,898,018
LI, XUFEI	2,897,885
LI, YONGSEN	2,898,566
LIANG, QIUQIAN	2,898,071
LIBIS, JEAN-PAUL	2,898,082
LIBURDI ENGINEERING LIMITED	2,898,313
LIBURDI, JOSEPH	2,898,313
LICENTIA GROUP LIMITED	2,898,041
LIFEHEALTH, LLC	2,898,176
LIFETIME PRODUCTS, INC.	2,898,332
LIFEVANTAGE CORPORATION	2,898,380
LIM, SANG MIN	2,897,942
LINDERMAN, JOHN T.	2,897,797
LINKE, DAVID	2,898,670
LIPSON, DORON	2,898,326
LIU, DEHONG	2,898,595
LIU, HAILONG	2,898,668
LIU, LI-TE	2,898,447
LIU, LU	2,898,627

LIU, XIAO 2,898,668
LIU, XIAOJUN MICHAEL 2,898,483
LIU, YA 2,898,544
LIVANEC, PHILIP W. 2,898,135
LOCK, MICHELLE LOUISE 2,898,629
LOEFFLER, JOHN 2,898,510
LOEHR, JOACHIM 2,898,097
LOGIER, REGIS 2,898,403
LOGIER, REGIS 2,898,411
LOHWASSER, MARKUS 2,898,005
LONG, MIN 2,898,071
LONGERICH, RANDY S. 2,898,167
LOO, ALEXANDER 2,898,477
LOPEZ, JEAN MARC 2,898,143
LOPEZ, JEAN MARC 2,898,463
LOPEZ-LOPEZ, CRISTINA 2,898,043
LOPEZ-LOPEZ, CRISTINA 2,898,045
LOPEZ-LOPEZ, CRISTINA 2,898,080
LORE, RAMI 2,897,982
LOTFI, ATOOSA 2,898,027
LOUIS, JURGEN JOHANNES JACOBUS 2,898,430
LOVELESS, JACOB 2,898,290
LOWDEN, PAUL 2,898,313
LSC ENVIRONMENTAL PRODUCTS, LLC 2,898,558
LU, LI 2,898,265
LU, MING 2,898,018
LUBER, DAVID J. 2,898,185
LUCHERINI, ENZO 2,898,333
LUDERS, HANS 2,898,437
LUIS VALERO, MARIA 2,898,024
LUIS VALERO, MARIA 2,898,029
LUKESCH, GERNOT 2,898,033
LUMMUS TECHNOLOGY INC. 2,898,191
LUNDQUIST, CHRISTOPHER SCOTT 2,898,336
LUO, CHENGJIN 2,898,544
LUO, XUEHONG 2,898,665
LUO, YI 2,898,447
LUSTENBERGER, IVO 2,898,671
LUTHRINGER, REMY 2,898,279
LUTZKY, MANFRED 2,898,575
LYCORED LTD. 2,898,284
LYDA, STEPHEN P. 2,898,597
MACDONALD, LYNN 2,897,963
MACDONELL, ANTHONY 2,898,048
MACHT, DAVID E. 2,898,634
MACKENZIE, STEPHEN 2,898,048
MAERKI, HANS P. 2,898,349
MAGIC LEAP, INC. 2,898,283
MAGNA INTERNATIONAL INC. 2,898,322
MAHROUCHE, RACHID 2,897,857
MAIER, JOHANNES 2,898,109
MAKSIMOVA, MARINA NIKOLAEVNA 2,897,809
MAKSIMOW, MIKAEL 2,898,111
MALAGELADA GRAU, CRISTINA 2,898,414
MALECKI, ROBERT E. 2,898,207
MALTSEV, ALEXANDER 2,898,220
MANDELL, KENNETH J. 2,898,631
MANDERS, ERIC-JAN 2,897,791
MANEVAL, EDNA CHOW 2,898,025
MANN, MICHAEL 2,898,614
MANOCCHI, AMY 2,898,196
MAPP, ANNA 2,898,329
MARAIS, CHARLES CLAUDIUS 2,898,088
MARCANTONIO, KAREN M. 2,898,482
MARCHETTI, STEFANO 2,898,388
MARDIL, INC. 2,898,620
MARETTE, ANDRE 2,898,321
MARIK, JAN 2,898,146
MARINOVA PTY LTD 2,898,515
MARKOVIC, GORAN 2,898,024
MARKOVIC, GORAN 2,898,029
MARRINO, BIRGIT 2,898,293
MARSALA, MARTIN 2,898,617
MARSH, DAVID A. 2,898,217
MARTIN, STEVEN C. 2,898,315
MARTINSON, BRIAN THOMAS 2,896,298
MARTINSON, LAURA 2,897,972
MAS HERRERO, SERGI 2,898,414
MASAKI, TAKASHI 2,898,412
MASINO, MICHAEL 2,897,740
MASKSUTOVIC, MAXIMILIAN 2,898,467
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,898,633
MASSET, FRANCK 2,898,082
MAST GROUP LIMITED 2,898,136
MASUHARA, YUSAKU 2,898,287
MASUYAMA, YUZURU 2,895,591
MATSUDA, MASAAKI 2,898,422
MATSUMOTO, STEVEN S. 2,898,217
MATSUSHITA, NAOHIRO 2,898,610
MAYWEG, ALEXANDER V. 2,898,349
MCALLISTER, KEVIN HALL 2,898,043
MCALLISTER, KEVIN HALL 2,898,045
MCALLISTER, KEVIN HALL 2,898,080
MCALONIS, MATTHEW RICHARD 2,898,353
MCCALL, SCOTT ANDREW 2,898,465
MCCANN, JENNIFER MARIE 2,898,640
MCCANN, JENNIFER MARIE 2,898,648
MCCOLPIN, GLENN ROBERT 2,898,498
MCCONNELL, JEREMY A. 2,898,087
MCCORMICK, JAMES MICHAEL 2,898,096
MCDONALD, JAMES 2,898,395
MCELARNEY, IAIN 2,898,136
MCGOVERN, NANCY 2,898,383
MCGREGOR, BILL 2,898,488
MCKENNA, JONATHAN P. 2,898,192
MCKIEVER, JOAN 2,898,454
MCNULTY, JOHN J. 2,898,269
MCPHERSON, PAUL 2,898,581
MCWHINNIE, IAN DAVID 2,898,042
MCWHIRTER, JOHN 2,897,963
MEAGHER, KAROLINA A. 2,897,963
MEDACTA INTERNATIONAL SA 2,898,391
MEDIZINISCHE HOCHSCHULE HANNOVER 2,898,128
MEDTENTIA INTERNATIONAL LTD OY 2,897,907
MEDTENTIA INTERNATIONAL LTD OY 2,897,912
MEDTRONIC CRYOCATH LP 2,897,857
MEDTRONIC NAVIGATION, INC. 2,898,634
MEDTRONIC XOMED, INC. 2,898,485
MEDTRONIC XOMED, INC. 2,898,636
MEIER, KEVIN C. 2,888,552
MEIER, KEVIN C. 2,888,553
MEIJI SEIKA PHARMA CO., LTD. 2,898,601
MEIRON, OREN 2,898,178
MELINIOTIS, ANDREAS 2,898,140
MELKER, RICHARD J. 2,897,943
MELKOTE, VINAY 2,898,271
MEMORIAL SLOAN KETTERING CANCER CENTER 2,898,099
MENARD, SERGE 2,898,255
MENNING, MARK MICHAEL 2,898,092
MERCK PATENT GMBH 2,898,077
MERCK SHARP & DOHME CORP. 2,898,049
MERCK SHARP & DOHME CORP. 2,898,051
MERCK SHARPE & DOHME CORP. 2,898,482
MERCKX, KELLY PAULA AUGUST 2,898,436
MERGOTT, DUSTIN JAMES 2,898,500
MERKL, BRANDON 2,898,636
MERSEN USA NEWBURYPORT-MA, LLC 2,898,506
MERTOGLU, MURAT 2,898,035
MERTZ, ERIC 2,898,107
MESSIER-BUGATTI-DOWTY 2,897,977
MESSINGER, JASON H. 2,897,741
MESSINGER, JASON HOWARD 2,898,607
MEUNIER, LAURENT 2,898,081
MEVAWALLA, SHEHZAD 2,898,102
MEYER PRODUCTS, LLC 2,898,481
MICHAELIS, MAXIMO GUSTAVO 2,898,498
MICHAELIS, MAXIMO GUSTAVO 2,898,502
MICK, BRIAN C. 2,897,794
MICROSEISMIC, INC. 2,898,192
MICROSOFT TECHNOLOGY LICENSING, LLC 2,898,088
MICROSOFT TECHNOLOGY LICENSING, LLC 2,898,114
MICROSOFT TECHNOLOGY LICENSING, LLC 2,898,127
MIKELONIS, JON 2,842,225
MIKKELSEN, HEIDI 2,898,418
MILLER, BRUCE E. 2,898,312
MILLER, JONATHAN 2,898,437
MILLER, KEITH EDWIN 2,898,353
MILLER, MICHAEL 2,898,482
MILLER, VINCENT A. 2,898,326

MILLS, PATRICK WELLINGTON 2,898,096
MILNER, TIM 2,898,627
MILONE, FABRIZIO 2,898,289
MINEAU, ROCHELLE 2,898,121
MINERVA NEUROSCIENCES, INC. 2,898,279
MINIPUMPS, LLC 2,898,027
MINTZ, SAGY PUNDAK 2,898,055
MIRABELLI, FRANCO 2,897,978
MISRA, ARABINDA 2,898,219
MITCHELL, IAN BRADFORD 2,897,829
MITSUBA CORPORATION 2,895,591
MITSUBISHI ELECTRIC CORPORATION 2,898,085
MITSUBISHI ELECTRIC CORPORATION 2,898,183
MITSUBISHI ELECTRIC CORPORATION 2,898,595
MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD. 2,898,093
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,898,093
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,898,426
MITSUBISHI RAYON CO., LTD. 2,897,935
MITTENZWEI, ANDREAS OLIVER 2,897,906
MO, MO 2,898,053
MODERNA THERAPEUTICS, INC. 2,897,941
MOHLER, EMILE 2,898,122
MOLECULAR DEVICES, LLC 2,898,206
MOLNLYCKE HEALTH CARE AB 2,898,264
MONGER, ERIC 2,897,857
MONZEN, TADAAKI 2,898,093
MOON, JOHN A. 2,898,453
MOON, YOUNG HO 2,898,433
MOORE, GREGORY 2,897,987
MOORE, GREGORY 2,898,100
MOORE, JEFFREY C. 2,898,495
MOORE, SEAN 2,897,737
MOOSHOFER, HUBERT 2,898,669
MORAN, ADRIAN 2,897,907
MORAN, ADRIAN 2,897,912
MORAR-MITRICA, SORINA 2,898,262
MOREY, STEVEN 2,898,300
MORI, MOTOKO 2,898,419
MORIKAWA, SHIGEYASU 2,898,584
MORIKAWA, SHIGEYASU 2,898,593
MORIOKA, YUICHI 2,898,540
MORIOKA, YUICHI 2,898,546
MORITA, MASAHIKO 2,898,416
MORROW, MATTHEW 2,898,235
MORROW, MATTHEW 2,898,237
MORTON, EDWARD JAMES 2,898,654
MOSCOVICI, DANIEL 2,898,053
MOSSER, CHRISTOPHER PAUL 2,898,568
MOURARET, NICOLAS 2,898,170
MOUTARD, STEPHANE 2,898,081
MUECK, PHILIP 2,898,014
MUEHLENTHALER, CHRISTINE MARGARET 2,896,298
MUGGLESTONE, JONATHAN 2,898,337
MUIR, GORDON CAMERON 2,898,124
MUKHERJEE, UJJAL K. 2,898,191
MULLER, RALF-PETER 2,898,260
MULLER, WALTER 2,898,564
MULTIPHOTON OPTICS GMBH 2,898,012
MULTIPHOTON OPTICS GMBH 2,898,013
MULTISORB TECHNOLOGIES, INC. 2,898,497
MULTRUS, MARKUS 2,898,572
MULTRUS, MARKUS 2,898,575
MULYE, NIRMAL 2,898,105
MURAYAMA, KAZUTAKA 2,898,601
MURILLO, OSCAR 2,898,088
MURPHY, ANDREW J. 2,897,963
MUTHUMANI, KARUPPIAH 2,898,122
MUTHUMANI, KARUPPIAH 2,898,126
MUTHUMANI, KARUPPIAH 2,898,130
MUTILANGI, WILLIAM 2,898,108
MUTO, KAZUAKI 2,898,272
MYHRE, MORTEN 2,898,606
MYPINPAD LIMITED 2,898,041
NAEGELE, VIRGINIE 2,898,032
NAEGELI, MARKUS 2,898,312
NAGAMORI, SHUSHI 2,898,610
NAGELS, HANS 2,898,079
NAGORSEN, DIRK 2,898,032
NAGY, MARK A. 2,897,985
NAKAMURA, KEVIN 2,898,581
NAKANO, TADASHI 2,898,593
NALDRETT, GARTH 2,898,042
NAQUIN, JOEY 2,897,960
NARLA, RAMA K. 2,897,985
NATIONAL TAIWAN UNIVERSITY 2,898,200
NATIONAL UNIVERSITY CORPORATION TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY 2,898,601
NAWROCKI, GILLES 2,898,010
NDSU RESEARCH FOUNDATION 2,898,182
NEC CORPORATION 2,898,189
NEC CORPORATION 2,898,194
NEIDHART, WERNER 2,897,924
NEIDHART, WERNER 2,898,534
NEOMED INSTITUTE 2,898,665
NESTEC S.A. 2,898,568
NETTEKOVEN, MATTHIAS 2,898,015
NEUBAUER, AXEL 2,896,298
NEUGEBAUER, BERNHARD 2,898,005
NEUJAHR, HARALD 2,898,001
NEUSINGER, MATTHIAS 2,898,005
NEW YORK UNIVERSITY 2,898,329
NEWMAN, MICHAEL 2,898,460
NEYA, MASAHIRO 2,898,610
NICHOLLS, RICHARD B. 2,898,220
NICOLEAU, LUC 2,898,016
NICOLLE, KENNETH ARTHUR 2,898,318
NIETHAMMER, MICHAEL 2,898,014
NII, RISA 2,897,935
NIKE INNOVATE C.V. 2,897,945
NIKE INNOVATE C.V. 2,898,508
NING, YUHONG 2,897,985
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,898,094
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,898,425
NISHIYAMA, KIMITO 2,898,296
NISSAN MOTOR CO., LTD. 2,898,195
NISSAN MOTOR CO., LTD. 2,898,292
NISSHIN STEEL CO., LTD. 2,898,584
NISSHIN STEEL CO., LTD. 2,898,593
NOKURA, YOSHIHIKO 2,898,589
NOKURA, YOSHIHIKO 2,898,630
NOKURA, YOSHIHIKO 2,898,638
NOKURA, YOSHIHIKO 2,898,642
NOMURA, TOMOYA 2,898,195
NOMURA, TSUTOMU 2,898,181
NONNI, ARTHUR J. 2,898,417
NOTT, PETER 2,898,488
NOVARTIS AG 2,897,815
NOVARTIS AG 2,897,949
NOVARTIS AG 2,898,043
NOVARTIS AG 2,898,045
NOVARTIS AG 2,898,080
NOVARTIS AG 2,898,523
NOVARTIS AG 2,898,524
NOVARTIS AG 2,898,565
NOVOMATIC AG 2,898,577
NOVOMATIC AG 2,898,579
NOVOZYMES A/S 2,898,228
NOVOZYMES BIOAG A/S 2,898,204
NUEVAS ALTERNATIVAS NATURALES THERMAFAT, S.A.P.I. DE C.V. 2,898,596
NUOVO PIGNONE SRL 2,898,289
NUOVO PIGNONE SRL 2,898,394
NUVERA FUEL CELLS, INC. 2,898,226
NUVERA FUEL CELLS, INC. 2,898,229
NZAMUSHE LEPAN MABLA, JEAN-ROBERT 2,898,403
O'CALLAGHAN, JOHN 2,898,129
O'CARROLL, GER 2,897,907
O'CARROLL, GER 2,897,912
O'CONNOR, SEAN M. 2,898,639
O'GRADY, MICHAEL 2,897,948
O'REAR, DENNIS JOHN 2,898,231
O'REAR, DENNIS JOHN 2,898,232
O'REILLY, MEAGHAN ANNE 2,898,503
OBA, TRAVIS 2,898,360
OBSCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTJU "PARAFARM" 2,897,809
OBST SANDER, ULRIKE 2,897,924
OBST SANDER, ULRIKE 2,898,534
OCE-TECHNOLOGIES B.V. 2,898,518
ODUEYUNGBO, SEYI ABIODUN 2,898,231

ODUEYUNGBO, SEYI ABIODUN 2,898,232
OEHR, KLAUS H. 2,897,871
OGAWA, TAKAYUKI 2,898,605
OGAWA, TAKAYUKI 2,898,616
OHI, YUKI 2,898,431
OIZUMI, TORU 2,898,097
OKUI, TAKEHIKO 2,898,292
OLESEN, JAN 2,898,011
ONO, EIKI 2,898,409
OPITZ, MARCO 2,898,001
ORBINOX VALVES INTERNATIONAL, S.L. 2,898,592
ORDANIS, MICHAEL 2,898,651
ORSULIC, SANDRA 2,898,457
OSAKA UNIVERSITY 2,898,610
OSTVOLD, ARNOLD 2,898,606
OTSUKI, TAKASHI 2,898,428
OTTO, WILLIAM M. 2,898,469
OTTO, WILLIAM M. 2,898,470
OTTO, WILLIAM M. 2,898,471
OTTO, WILLIAM M. 2,898,479
OTTO, WILLIAM M. 2,898,490
OTTO, WILLIAM M. 2,898,492
OTTO, WILLIAM M. 2,898,493
OUMA, GEOFFREY 2,898,122
OUTOTEC (FINLAND) OY 2,898,129
OUTOTEC (FINLAND) OY 2,898,594
OVERTON, DAVID 2,898,337
OZIL, JOEL 2,898,389
PADILLA, LUIS S. 2,898,167
PALMROTH, MIKKO 2,898,352
PALOMEQUE, MANUEL 2,898,592
PAN, QUINTIN 2,898,329
PANASONIC CORPORATION 2,898,071
PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD. 2,898,071
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,898,097
PANDORA A/S 2,898,075
PANDORA A/S 2,898,104
PANDORA PRODUCTION CO., LTD. 2,898,075
PANDORA PRODUCTION CO., LTD. 2,898,104
PANG, CHANGLIN 2,898,027
PANGARKAR, CHINMAY 2,898,477
PANGRITZ, VOLKER 2,898,109
PARK, BRIAN 2,898,498
PARK, BRIAN V. 2,897,829
PARK, BRIAN V. 2,898,502
PARK, HYUNG-SEOK 2,897,956
PARK, ROLAND CLIFFORD 2,898,040
PARK, SHENA H. 2,898,626
PARKER-HANNIFIN CORPORATION 2,898,510
PATEL, PARAG 2,898,206
PATEL, PAUL 2,898,477
PATEL, SHIVANGI VIJAYKUMAR 2,898,408
PATERSON-JONES, ROLAND 2,898,478
PATTI, TAMARA 2,898,388
PAVAGEAU, STEPHANE 2,898,397
PAYPAL, INC. 2,898,205
PEART, JOANNA LOUISE 2,898,629
PECK, KONAN 2,898,200
PEDERSEN, CARSTEN 2,898,011
PEETS, BRIAN G. 2,898,447
PEINZE, FRANZISKA 2,898,101
PEISAJOVICH, SERGIO 2,898,459
PELEG, EYAL 2,898,089
PELLEGRINI, LORENZO 2,898,279
PELLICCI, GIAMPAOLO 2,898,423
PEMBERTON, COREY E. 2,898,351
PENNEY, CHRISTOPHER C. 2,897,957
PEPSICO, INC. 2,898,108
PERNOT, JEAN-MARC 2,898,275
PETERSEN, BRENT 2,898,281
PETERSON, KARA 2,898,504
PETERSON, KRISTJAN 2,898,034
PETERSON, MARK LOUIS 2,898,176
PETERSON, MATTHEW A. 2,898,360
PETROVIC, GORAN 2,897,821
PETTENGILL, ROBERT S. 2,898,161
PEYTON, ROSS P. 2,888,553
PFIZER INC. 2,898,408
PHILIP MORRIS PRODUCTS S.A. 2,898,248
PHILIPPE, ERIC 2,898,153
PHILIPPE, ERIC 2,898,155
PHILIPPE, ROMUALD M. 2,898,357
PIAZZA, PIER VINCENZO 2,898,145
PIERCE, KENNETH 2,898,613
PIERCE, TERRY 2,898,202
PIETSCH, JOHN B. 2,897,791
PIGNATELLI, NATASHA 2,898,456
PIKE, JUSTIN 2,898,041
PINEAU, BRAD D. 2,898,517
PIO, BARBARA 2,898,482
PIRVU, BOGDAN 2,898,577
PITULEJ, DARIUSZ 2,898,577
PLACOPLATRE 2,898,123
PLANCHER, JEAN-MARC 2,898,015
PLANCHER, JEAN-MARC 2,898,107
PLANCHER, JEAN-MARC 2,898,162
PLATZER, PETER 2,897,803
PLEGUEZUELOS MATEO, OLGA 2,898,017
PLETSCH, ANDREAS 2,898,115
PLUMMER, CHRISTOPHER W. 2,898,482
POEL VANDEN, GEERT ADELINA RUDOLF 2,897,913
POEL VANDEN, GEERT ADELINA RUDOLF 2,898,266
POHIER, HERVE 2,898,133
POIRIER, CHRISTOPHER 2,898,196
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POLLACK, BENJAMIN S. 2,897,979
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POLYTEX FIBERS CORPORATION 2,898,267
PONCE, BRENT A. 2,897,974
POND BIOFUELS INC. 2,898,315
POOR, STEPHEN HEDRICK 2,897,949
PORATH, PER 2,898,044
POTTER, STEPHEN 2,897,964
POULSEN, SVEN ERIK 2,898,011
POURING, ANDREW A. 2,898,646
PRADO, FELIX 2,898,538
PRAXAIR TECHNOLOGY, INC. 2,898,110
PRICE, ARYN ALAINE 2,898,184
PRINCE, JACK RAYMOND 2,898,125
PROKHOROV, MIKHAIL DMITRIEVICH 2,897,809
PRUITT, PERRY 2,898,507
PRZESLAWSKI, BRIAN DAVID 2,897,735
PSZOLLA, CHRISTIAN 2,898,245
PUDEYEV, ANDREY 2,898,220
PUDLEINER, HEINZ 2,898,101
PUGH, MARK 2,897,907
PUGH, MARK 2,897,912
PURAC BIOCHEM BV 2,898,516
PURNELL, SHAWN 2,897,740
QIN, ZHONGBIN 2,898,547
QUALCOMM INCORPORATED 2,897,938
QUALCOMM INCORPORATED 2,898,171
QUAN, MIMI L. 2,898,440
QUINLAN, ROBERT L. 2,898,269
R. STAHL SCHALTGERATE GMBH 2,898,157
RADCHENKO, LARISA GRIGORIEVNA 2,897,809
RAFFII, SHAHIN 2,898,180
RAFFLE, JOHN T. 2,898,342
RAHEJA, RAJ KUMAR 2,897,985
RAJENDRAN, VIVEK 2,897,938
RAJENDRAN, VIVEK 2,898,171
RAMAN, RAHUL 2,898,633
RAMBERG, MARK JOHN 2,898,127
RAMOS, RUBEN 2,897,940
RAMOS, RUBEN 2,897,948
RANDISI, SAI A. 2,898,602
RANG, BRIAN L. 2,898,510
RAO, FENG 2,898,265
RAO, PRASAD 2,898,322
RAPISCAN SYSTEMS, INC. 2,898,654
RAPPOLT, JAMES J. 2,898,419
RARE ELEMENT RESOURCES LTD. 2,898,612
RASHID, RUMANA 2,898,100
RATERING, RALF 2,898,466
RAUM, MATTHEW THOMAS 2,898,188
RAYL, KENNETH GENE 2,898,040
RAYTHEON COMPANY 2,896,715
RAYZMAN, VERONIKA 2,898,618
READING, JULIAN 2,898,018
REARDON, JOHN 2,898,445
REESE, BLAKE 2,898,447
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,898,033
REG LIFE SCIENCES, LLC 2,898,317
REGAN, MICHAEL 2,898,509
REGENERON PHARMACEUTICALS, INC. 2,897,963
REICHERT, WOLFGANG 2,898,115

REILEY, RICHARD ROBERT 2,897,878
REILEY, RICHARD ROBERT 2,897,884
REILEY, RICHARD ROBERT 2,898,000
REIMER, JENS 2,898,044
REINOT, EDA 2,898,583
REIS, ARTHUR H., JR. 2,898,613
REISER, H. JOSEPH 2,898,573
REN, HONG 2,898,644
RENTSCHLER, PETER 2,898,554
RENZ, MARIA CHRISTINE 2,898,102
REUVENI, EREZ 2,898,578
REVOLUTIONARY PLASTICS, LLC 2,898,125
REWALK ROBOTICS LTD. 2,898,410
REYBURN, STEVEN T. 2,898,312
REYNOLDS PRESTO PRODUCTS INC. 2,898,087
RHODES, CHARLES A. 2,898,198
RICE, JOHN 2,898,613
RICHTER, HANS 2,897,924
RICHTER, HANS 2,898,534
RICOH COMPANY, LTD. 2,898,428
RIDEOUT, DARRYL 2,898,450
RIES, CAROLA 2,898,591
RIGEL PHARMACEUTICALS, INC. 2,898,644
RIGGS, JENNIFER 2,897,985
RIJKENBERG, ROLF ARJAN 2,898,421
RIOULT, FABIEN A. 2,898,327
RIPA, DONATO ANTONIO 2,898,289
RIPPE, STEPHEN G. 2,897,841
RITASALO, TEEMU 2,898,594
RIVA, MARCO 2,898,391
RIVAL TECHNOLOGIES INC. 2,897,871
RIZVI, RAZIA 2,898,049
ROBERT, ERIC 2,898,123
ROBERTS, CARMICHAEL S. 2,898,196
ROBINS, ALLAN 2,898,431
ROBINSON, DALE 2,897,985
RODINA HOLDING S.A. 2,898,388
ROGERS, JOHN A. 2,898,196
ROGERS, PAUL ALAN 2,898,355
ROGERS, STEVEN 2,897,737
ROHO, INC. 2,888,552
ROHO, INC. 2,888,553
ROHOLT, PHILIP C. 2,897,936
ROJANSKIY, HENRIKH 2,898,578
ROLLIE, SASCHA 2,898,253
ROLLS-ROYCE CORPORATION 2,897,965
ROLLS-ROYCE CORPORATION 2,898,599
ROMANO, PASCAL 2,898,402
ROSEMOUNT INC. 2,897,800
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,898,109
ROSS, JEFFREY S. 2,898,326
ROSS, MARK W. 2,898,138
ROSSIGNOL, MICHEL 2,898,203
ROTH, STANLEY A. 2,898,327
ROW52, LLC 2,842,225
ROWE, CHRISTOPHER JAMES 2,898,248
ROWE, DAVID TROY 2,898,319
ROWE, DAVID TROY 2,898,320
ROWE, DAVID TROY 2,898,330
ROWE, JOHN L. 2,898,517
ROY, JOY 2,898,477
RUDE, MATHEW 2,898,317
RUETTINGER, DOMINIK 2,898,591
RUFFINI, NICHOLAS PAUL 2,898,353
RUIZ, JEAN CHRISTOPHE 2,897,980
RULKENS, RUDY 2,897,913
RULKENS, RUDY 2,898,266
RUNDE, JEFFREY K. 2,898,308
RUNDE, JEFFREY K. 2,898,310
RUNDE, JEFFREY K. 2,898,505
RYBALKO, MICHAEL 2,898,624
SACCO, DANIEL 2,897,988
SADAKATA, NOBUYASU 2,895,591
SADOVSKY, VLAD 2,898,127
SADRI, ALI S. 2,898,220
SAHAR, MEIR 2,898,276
SAILER, ROBERT 2,898,182
SAINSBURY'S SUPERMARKETS LTD 2,898,365
SAKUMA, HISATO 2,898,189
SAKUMA, HISATO 2,898,194
SAKURADA, EISAKU 2,898,094
SALMI, MARKO 2,898,111
SALMON, JOHN 2,898,139
SAMARTHA, ANEKAL 2,898,477
SAMPSON, TIMOTHY 2,898,184
SAMSUNG ELECTRONICS CO., LTD. 2,892,215
SAMSUNG ELECTRONICS CO., LTD. 2,898,438
SAMULSKI, EDWARD T. 2,898,098
SAMULSKI, EDWARD T. 2,898,103
SAMULSKI, EDWARD T. 2,898,106
SANBORN, TRACY JOELLA 2,897,967
SANCHEZ, EUGENIO 2,897,970
SANCHEZ, J. AQUILES 2,898,613
SANDLER, VLADISLAV M. 2,898,180
SANEYOSHI, EISUKE 2,898,189
SANO, MASAKI 2,898,409
SANTORELLI, MICHAEL 2,898,419
SAPOZNIKOV, LARI 2,898,276
SARH, BRANKO 2,898,323
SASAKI, FUMIO 2,898,186
SASAKI, TSUYOSHI 2,898,183
SASISEKHARAN, RAM 2,898,633
SATCHIVI, NORBERT M. 2,898,356
SATCHIVI, NORBERT M. 2,898,358
SATCHIVI, NORBERT M. 2,898,488
SATCHIVI, NORBERT M. 2,898,494
SATISLOH AG 2,898,384
SATO, HIROYUKI 2,898,412
SAVCHUK, NIKOLAY FILIPPOVICH 2,898,439
SAVIAN, SCOTT 2,898,647
SAWAGUCHI, NAOTO 2,898,186
SBIHLI, SCOTT LEO 2,897,741
SBIHLI, SCOTT LEO 2,898,607
SCHALLER, PHILIPP 2,897,819
SCHARMULLER, JOSEF 2,898,242
SCHARMULLER, JOSEF JUN. 2,898,242
SCHEELE, JUERGEN 2,898,032
SCHEINBERG, DAVID A. 2,898,099
SCHICK, ANTON 2,898,554
SCHILLINGER, HELMUT 2,898,256
SCHILLINGER, HELMUT 2,898,371
SCHIRBEL, ANDREAS 2,898,246
SCHIRMER, ANDREAS 2,898,317
SCHLOSSER, ANDERS 2,898,239
SCHMIDT, YANIV 2,898,576
SCHMIDT, YANIV 2,898,578
SCHNECK, NATHAN 2,898,182
SCHNEID, FLORIAN 2,898,260
SCHNEIDER, CORY S. 2,898,087
SCHNEIDER, DENNIS I. 2,898,590
SCHNEIDER, RUDIGER 2,897,901
SCHOELKOPF, ROBERT JOHN, III 2,898,598
SCHOELKOPF, ROBERT JOHN, III 2,898,608
SCHOENMAKERS, PETRUS HUBERTUS MARIA 2,898,580
SCHOWENGERDT, BRIAN T. 2,898,283
SCHREINER, STEPHAN 2,898,005
SCHRODER, HARTWIG 2,898,115
SCHROEDER, RICHARD F. 2,898,620
SCHUBERT, BENJAMIN 2,898,572
SCHULTZ, ROGER L. 2,898,212
SCHULTZ, THOMAS 2,898,431
SCHULZ, ROBERT 2,898,091
SCHUMACHER, JOHANN R. 2,892,989
SCHWARCZ, ELAZAR 2,898,578
SCHWARZ, FREDERICK M. 2,898,207
SCHWARZ, JULIA 2,898,088
SCHWARZ, NORMEN 2,898,157
SCHWESINGER, MARK 2,898,088
SCOTT, MICHAEL 2,897,972
SCOTT, VERONICA 2,898,303
SCRIPPS KOREA ANTIBODY INSTITUTE 2,898,197
SECCO, ERIKA 2,898,388
SEEVERS, KURT 2,898,583
SEIKI JUKO CO., LTD. 2,898,186
SELA, SAGI 2,898,149
SELBE, JEAN-PIERRE 2,898,075
SELBE, JEAN-PIERRE 2,898,104
SELYUTIN, OLEG 2,898,049
SELYUTIN, OLEG 2,898,051
SENOMYX, INC. 2,897,821
SENSIAU, CLAUDE 2,898,402
SEPULVEDA, GENARO S. 2,898,626
SERTZEN, CESAR IVAN 2,898,408
SESHADRI, SRI R. 2,897,992
SETHURAMAN, VASU 2,898,362
SEWELL, TERRY A. 2,898,198
SFS INTEC HOLDING AG 2,898,037
SHA, DEYOU 2,898,049
SHAH, MUNISH 2,898,526
SHAIMUKHAMBETOVA, DAMIRA 2,898,090
SHALTIEL-GOLD, GALIT 2,898,178
SHANGHAI DAZHI HEAT DISSIPATION TECHNOLOGY CO., LTD. 2,898,052

SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 2,898,550
SHANKAR, BANDARPALLE 2,898,049
SHARIPOV, ELI 2,898,149
SHARMA, SANJAY K. 2,898,341
SHARONI, YOAV 2,898,284
SHAUGHNESSY, MICHAEL C. 2,897,740
SHELL INTERNATIONALE RESEARCH MAATCHAPPIJ B.V. 2,898,430
SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V. 2,897,927
SHEN, CHANGMAO 2,898,051
SHENZHEN YAORONG TECHNOLOGY CO., LTD 2,898,345
SHEPPERSON, VANESSA ROSE 2,898,408
SHEYNMAN, ARNOLD 2,898,452
SHIBUYA, SHINJI 2,895,591
SHIGERI, MITSUHIRO 2,892,215
SHIMAMURA, TADASHI 2,898,274
SHIMIZU, CHIE 2,898,589
SHIMIZU, CHIE 2,898,630
SHIMIZU, CHIE 2,898,638
SHIMIZU, CHIE 2,898,642
SHIN, YOUNG SUN 2,892,215
SHINDO, YOICHI 2,895,591
SHINOHARA, YOSHIAKI 2,897,935
SHIRAIWA, HIROYUKI 2,898,424
SHIRE HUMAN GENETIC THERAPIES, INC. 2,898,121
SHOWERS, JAMES SCOTT 2,898,353
SHPITTLE, JOHN 2,897,947
SICCARDI, FRANCESCO 2,898,391
SIEMAG TECBERG GMBH 2,898,361
SIEMENS AKTIENGESELLSCHAFT 2,897,901
SIEMENS AKTIENGESELLSCHAFT 2,898,247
SIEMENS AKTIENGESELLSCHAFT 2,898,337
SIEMENS AKTIENGESELLSCHAFT 2,898,392
SIEMENS AKTIENGESELLSCHAFT 2,898,554
SIEMENS AKTIENGESELLSCHAFT 2,898,669
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,897,979
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,897,988
SIGNAL PHARMACEUTICALS, LLC 2,897,985
SILTANEN, VESA 2,898,352
SILVA, JORGE E. 2,898,234
SILVESTRINI, PATRICK CHARLES 2,898,248
SIMCHONY, TAL 2,898,586
SIMEON, BERTIN 2,897,857
SIMMONS, PETER A. 2,898,217
SIMNEXT, LLC 2,898,509
SIMON, BRUCE J. 2,898,342
SIMPSON, DAVID M. 2,898,018
SINAY, AVRAHAM 2,898,586
SINGH, AMITOJ 2,892,215
SIROSH, JOSEPH 2,898,102
SIS RESOURCES LTD. 2,898,089
SIT SOFT INTELLIGENT THERAPEUTICS GMBH & CO KG 2,898,363
SKAIFE, JUSTIN J. 2,898,185
SLF USA INC. 2,898,442
SLONE, CHRISTOPHER M. 2,898,417
SMART ENERGY INSTRUMENTS INC. 2,898,640
SMART ENERGY INSTRUMENTS INC. 2,898,648
SMITH, DEREK 2,898,495
SMITH, JACYNDA 2,898,328
SMITH, MICHAEL 2,898,392
SMITH, NICHOLAS D. 2,898,025
SMITH, TIMOTHY 2,898,477
SNECMA 2,898,133
SNECMA 2,898,402
SNIADY, ADAM K. 2,898,338
SNODGRASS, H. RALPH 2,898,619
SO, VINCENT 2,897,972
SOCIETE DE RESSOURCES ET DE DEVELOPPEMENT POUR LES ENTREPRISES ET LES PARTICULIERS 2,898,411
SOERENSEN, GRITH LYKKE 2,898,239
SOK, SAM 2,898,360
SONAR, SANDIP SATISH 2,898,435
SONEX RESEARCH, INC. 2,898,646
SONG, BYEONG DOO 2,898,197
SONNEBORN, STEPHAN 2,898,361
SONOBE, NAOHIRO 2,897,937
SONOBE, NAOHIRO 2,897,944
SONY CORPORATION 2,898,521
SONY CORPORATION 2,898,540
SONY CORPORATION 2,898,544
SONY CORPORATION 2,898,546
SONY CORPORATION 2,898,547
SOORIANARAYANAN, SEKHAR 2,897,741
SOORIANARAYANAN, SEKHAR 2,898,607
SOUSSANA, ISAAC 2,898,364
SOVAGO, JUDIT 2,898,045
SOVAGO, JUDIT 2,898,080
SOZANSKI, JEAN-PIERRE 2,898,403
SPANGLER, LELAND J. 2,897,852
SPECTOR, PETER S. 2,897,991
SPICER, DAVID B. 2,897,957
SPIRE GLOBAL, INC. 2,897,803
SPRINT COMMUNICATIONS COMPANY L.P. 2,898,341
SPRINTZ, MICHAEL 2,897,959
ST. JAMES, MICHAEL 2,898,110
STATENS SERUM INSTITUT 2,898,418
STEAG ENERGY SERVICES GMBH 2,898,291
STEAG ENERGY SERVICES GMBH 2,898,293
STEBBINS, NATHAN WILSON 2,898,633
STEELE, KENNETH RAY 2,898,341
STEEMERS, FRANK 2,898,456
STELTER, PATRICIA J. 2,898,087
STENKULA, KARIN 2,898,569
STEPHENS, PHILIP JAMES 2,898,326
STEVENS, MARK 2,898,228
STEVINSON, DEAN 2,898,635
STEWART, SAMUEL R. 2,898,331
STIER, ALBERT JOSEPH 2,898,291
STOCKMASTER, JAMES G. 2,898,447
STOK, ESTELLA 2,898,518
STOLOFF, GREGORY ALAN 2,898,017
STOLOFF, GREGORY ALAN 2,898,113
STRINGER, DAMIEN 2,898,515
STROHMAN, BENJAMIN A. 2,898,447
STRUKOV, VILLORIJ IVANOVICH 2,897,809
STRYKER CORPORATION 2,897,852
SUBASINGHA, SUBASINGHA SHAMINDA 2,897,938
SUBASINGHA, SUBASINGHA SHAMINDA 2,898,171
SUKUMARAN, JOLY 2,898,495
SUMITOMO BAKELITE CO., LTD. 2,898,419
SUMITOMO CHEMICAL COMPANY, LIMITED 2,898,589
SUMITOMO CHEMICAL COMPANY, LIMITED 2,898,630
SUMITOMO CHEMICAL COMPANY, LIMITED 2,898,638
SUMITOMO CHEMICAL COMPANY, LIMITED 2,898,642
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,898,287
SUMLER, JOHN D. 2,898,341
SUN, CHEN 2,898,521
SUN, THOMAS 2,898,644
SUNBEAM PRODUCTS, INC. 2,898,039
SUNDERMANN, ANDREAS 2,898,325
SUNNYBROOK HEALTH SCIENCES CENTRE 2,898,503
SUNSHINE LAKE PHARMA CO., LTD. 2,898,294
SUREKHA, GANGAKHEDKAR 2,898,477
SUSSMAN, GLENN 2,898,524
SUSSMAN, GLENN ROBERT 2,898,523
SUZUKI, MASATO 2,892,215
SWAN, TREVOR WILLIAM BARTLETT 2,898,132
SWANSON, RONALD 2,898,496
SWAYZE, DANIEL J. 2,897,794
SWEDISH MATCH NORTH EUROPE AB 2,898,249
SWISS SPA SYSTEM LTD. 2,898,003
SYDDANSK UNIVERSITET 2,898,239
SYLVESTER, PAUL 2,898,627
SYNGENTA PARTICIPATIONS AG 2,898,132
SYROMIATNIKOV, PETER S. 2,898,341
SYVRET, ROBERT G. 2,897,992
SZCZEPANOWSKI, ANDREW ANTHONY 2,898,476

TACHDJIAN, CATHERINE 2,897,821
TAFT, ROBERT C. 2,898,360
TAI, YU-CHONG 2,898,027
TAIHO PHARMACEUTICAL CO., LTD. 2,898,274
TAKAHASHI, ATSUSHI 2,895,591
TAKAHASHI, KENICHI 2,898,272
TAKANE, TOMOYUKI 2,898,195
TAMURA, YURIKO 2,898,626
TAN, XUEFEI 2,898,349
TANEDA, YOSHIO 2,898,422
TANG, EDWARD 2,897,852
TANGY, FREDERIC 2,898,370
TANNHAUSER, ROBERT J. 2,898,473
TANSLEY, IAN 2,898,406
TANUKI, TOMIKAZU 2,898,288
TAO, FAN-SHENG TEDDY 2,898,231
TAO, KOUSAKU 2,897,935
TATA STEEL IJMUIDEN B.V. 2,898,421
TECHNISCHE UNIVERSITEIT DELFT 2,898,346
TEDEROUS, CORY J. 2,898,269
TEHRANI, LIDA 2,897,985
TEKNI-PLEX, INC. 2,898,526
TEKNISION INC. 2,898,048
TELEFLEX MEDICAL INCORPORATED 2,897,982
TELEFLEX MEDICAL INCORPORATED 2,898,319
TELEFLEX MEDICAL INCORPORATED 2,898,320
TELEFLEX MEDICAL INCORPORATED 2,898,330
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,898,564
TENACIOUS HOLDINGS, INC. 2,898,022
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,898,265
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,898,668
TENDEKA B.V. 2,898,042
TERASOLAR CO., LTD. 2,897,958
TERTEL, JONATHAN ANDREW 2,897,811
TESCOM CORPORATION 2,898,124
TEXTURA CORPORATION 2,898,004
THACKSTON, KEVIN MICHAEL 2,898,353
THAKUR, ANEESH 2,898,418
THAKUR, DIPENDER RAVINDRA 2,898,435
THARAKARAMAN, KANNAN 2,898,633
THARALDSON, JOSEPH D. 2,897,966
THCER LLC 2,898,008
THE BOEING COMPANY 2,898,021
THE BOEING COMPANY 2,898,023
THE BOEING COMPANY 2,898,116
THE BOEING COMPANY 2,898,198
THE BOEING COMPANY 2,898,224
THE BOEING COMPANY 2,898,277
THE BOEING COMPANY 2,898,323
THE BOEING COMPANY 2,898,331
THE GILLETTE COMPANY 2,898,476
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY 2,898,297
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY 2,898,298
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,898,139
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION 2,898,329
THE PROCTER & GAMBLE COMPANY 2,898,436
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,898,324
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,898,614
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,898,617
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,898,329
THE SURE CHILL COMPANY LIMITED 2,898,406
THE TRUSTEES OF THE UNIVERISTY OF PENNSYLVANIA 2,898,131
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,122
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,126
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,130
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,235
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,237
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,303
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,898,522
THE UAB RESEARCH FOUNDATION 2,897,974
THEODOSIER PTY LTD 2,898,307
THERANOS, INC. 2,898,477
THERMODYN SAS 2,898,010
THERRE, JOERG 2,898,253
THOMAS, DAVID J. 2,897,965
THOMAS, JONNA MARIE 2,898,334
THOMPSON, ANDREW 2,898,395
THORY, ROMAIN JEAN-LOUIS ROBERT 2,898,133
THRU TUBING SOLUTIONS, INC. 2,898,212
THYMON, LLC 2,898,354
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 2,898,156
TIBEICA, MARIUS NICOLAE 2,898,086
TIKKA, PANU 2,898,449
TIMELESS MEDICAL SYSTEMS INC. 2,898,517
TKACHENKO, SERGEY EVGENIEVICH 2,897,629
TOBEY, RICHARD 2,897,971
TOBIRA THERAPEUTICS, INC. 2,898,092
TOGNETTI, ALESSANDRO 2,898,423
TOHOKU UNIVERSITY 2,898,601
TOIZUMI TAKAHIRO 2,898,189
TOLBINA, GALINA ANATOLIEVNA 2,897,809
TOMA, ADRIAN 2,898,086
TOMASZEWSKI, MIROSLAW JERZY 2,898,665
TOMUTA, RAUL 2,898,323
TONG, LING 2,898,049
TONG, LING 2,898,051
TONIX PHARMACEUTICALS INC. 2,898,450
TOPF, RICHARD P. 2,898,323
TOSCANO, JOHN P. 2,898,443
TOSCANO, JOHN P. 2,898,445
TOUREL, SYLVAIN 2,898,363
TOWNSEND, CARL W. 2,896,715
TOWNSEND, DAVID F. 2,898,338
TOYOSHIMA, KENICHI 2,898,195
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,898,422
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,898,055
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,898,193
TRAN, TAM MINH 2,897,985
TRANGONE, KEVIN D. 2,898,473
TRANSIENT ELECTRONICS, INC. 2,898,196
TREMBLAY, MARC 2,898,127
TRIBBLE, DENNIS A. 2,898,590
TRIFONOV, VJACHESLAV NIKOLAEVICH 2,897,809
TRINH, NA 2,898,317
TROLENBERG, STEFAN 2,898,101
TROTTIER, GILLES 2,898,621
TRUCKO, JESSY E. 2,897,811
TRUELOVE, STEPHEN 2,898,540
TRUELOVE, STEPHEN 2,898,546
TSAKLAKIDIS, CHRISTOS 2,898,077
TSANG, ALBERT 2,898,353
TSUBOSA, DAISUKE 2,898,071
TSUJI, MASAAKI 2,898,428
TSUJIMURA, TAKAO 2,898,584

TSUKAMOTO, NOBUNARI 2,898,428
TSUKIGASE, HIROKI 2,898,425
TSUKIYAMA, TAKASHI 2,898,422
TURC, HUBERT-ALEXANDRE 2,897,980
TURRINELLI, FRANCO 2,898,004
TYCO ELECTRONICS CORPORATION 2,898,353
TYME LLC 2,898,328
TZIOVARAS, GEORGIOS 2,898,101
TZONEV, VLADIMIR 2,897,857
UKIMA CHEMICALS & COLOR MFG. CO., LTD. 2,898,272
ULVEN, CHAD 2,898,182
UMG ABS, LTD. 2,897,935
UNETICH, MICHAEL 2,898,193
UNITED TECHNOLOGIES CORPORATION 2,898,207
UNITRACT SYRINGE PTY LTD 2,898,585
UNITRACT SYRINGE PTY LTD 2,898,639
UNIVERSITAT DE BARCELONA 2,898,414
UNIVERSITE DE NANTES 2,898,370
UNIVERSITE LAVAL 2,898,321
UNIVERSITE PAUL SABATIER TOULOUSE III 2,898,415
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,898,151
UNIVERSITY HEALTH NETWORK 2,897,883
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. 2,897,943
UNIVERSITY OF VERMONT 2,897,991
UNO, TAKAO 2,898,274
UOP LLC 2,897,811
URUNO, MANABU 2,898,272
USKERT, RICHARD C. 2,897,965
UVEBORN, JOHAN 2,898,264
VAARNO, JUSSI 2,898,594
VAILLANCOURT, TOMMY 2,898,095
VALLISHAN, GUNDAPPA 2,898,322
VALMET AB 2,898,449
VAN BOEYEN, ROGER 2,898,229
VAN BREUGEL, JAN 2,898,516
VAN DER HEIDE, EVERT 2,897,927
VAN GERWEN, HENDRIKUS PETRUS GERARDUS 2,898,580
VAN HEERDEN, JASON AARON 2,898,570
VAN HOOSER, STEPHEN 2,898,613
VAN KRIEKEN, JAN 2,898,516
VANDERBILT UNIVERSTIY 2,897,791
VANWESTRIENEN, JESSE WILSON 2,898,467
VECTURA DELIVERY DEVICES LIMITED 2,898,140
VEHIGE, JOSEPH G. 2,898,217
VENETEC INTERNATIONAL, INC. 2,897,836
VENKATESAN, BALA MURALI 2,898,453
VERBORGT, JOZEF 2,898,298
VERNALEKEN, CHRISTOPH 2,898,001
VETTER, DEREK P. 2,898,224
VEYET, FREDERICK 2,898,270
VIACYTE, INC. 2,897,972
VIACYTE, INC. 2,897,984
VIACYTE, INC. 2,898,431
VICTOR, JOHN C. 2,898,319
VICTOR, JOHN C. 2,898,320
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